

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

-
- 1) Enumerate non carious cervical lesions of teeth, mention its aetiology, diagnosis and management **2+2+2+3=9**
 - 2) Discuss various obturation techniques. Write in detail about thermoplasticized obturation techniques **5+4=9**

WRITE SHORT NOTES ON :

8x4=32

- 3) Objectives and principles of access cavity preparation
- 4) Laser Doppler Flowmetry
- 5) Inter appointment flare-ups
- 6) Shade selection in aesthetic restorative procedures
- 7) Single planed and double planned instruments
- 8) Tooth separation
- 9) Fissurotomy burs and polymer burs
- 10) Role of radiographs in endodontics

WRITE BRIEFLY ON :

10X2=20

- 11) Inlay wax
- 12) Acid etchants
- 13) Demineralising agents
- 14) Clinical significance of major and minor diameter in endodontics
- 15) Importance of reference points in root canal treatment
- 16) Uses of microscopes in endodontics
- 17) Applications of calcium hydroxide in endodontics
- 18) Amalgams
- 19) Rake angle
- 20) Creep

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

- 1) Classify Hand-cutting instruments, describe four of them with their clinical application with diagrams, and add a note on the instruments formal. **(3+4+2=9)**

- 2) Discuss various techniques of root canal preparation. Add a note on step back technique. **(3+3=9)**

WRITE SHORT NOTES ON :

8x4=32

- 3) Retention & resistance forms for Amalgam restoration.
- 4) Principles of sharpening and sharpness tests or Hand cutting instruments
- 5) Flap designs for endodontics surgery
- 6) Apexification and Apexogenesis
- 7) Perforation and its management
- 8) Pulp Vitality Tests
- 9) Pins in Amalgam restorations
- 10) List the types of retainers. Add a note on Tofflemire Retainer

WRITE BRIEFLY ON :

10X2=20

- 11) Circumferential tie
- 12) Remineralizing Agents
- 13) Applications of Lasers in Conservative Dentistry
- 14) Differential diagnosis for Dentin Hypersensitivity
- 15) Approximal caries
- 16) H file (Hedstrom File)
- 17) EDTA (Ethylene Diamine Tetra Acetic Acide)
- 18) Gutta Percha
- 19) Storage media for Avulsed Tooth
- 20) Sodium Hypochlorite

Q.P.CODE: 430/410

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – APRIL , 2023

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

1. Classify hand cutting instruments. Describe instrument formula, Discuss Hatchet, GMT and Angle former with illustration. **3+3+1+1+1=9 M**
2. Enumerate Endodontic Emergences, Discuss etiology, clinical features, diagnosis and treatment of Acute Alveolar Abscess, Add a note on Hot Tooth. **3+3+3=9 M**

WRITE SHORT NOTES ON

8X4 = 32M

3. Bonded Amalgam restorations.
4. Rubber dam.
5. Recent advances in Glass Ionomer Cements.
6. Classification of Direct Filling Gold and condensation.
7. Properties of Laser light and application in endodontics.
8. Night guard vital Bleaching.
9. Rapid Tooth Separators.
10. Vertucci's classification of Root canals.

WRITE BRIEFLY ON

10X2 =20M

11. Coupling Agent.
12. Phoenix Abscess.
13. Bilayered technique,
14. Zipping.
15. Giomer.
16. Diagnodent.
17. Circumferential tie.
18. Rake angle.
19. Pick Tooth.
20. H – File.

Q.P.CODE: 430/410

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – NOVEMBER/DECEMBER , 2022
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

1. What are the ideal requirements of root canal sealers and how are they classified? Discuss in detail about zinc oxide eugenol sealer. **3+3+3=9 M**
2. Write in detail about the etiology, clinical features and management of non-carious cervical lesions. **3+3+3=9 M**

WRITE SHORT NOTES ON

8X4 = 32M

3. Ingle's method for working length determination.
4. Infected dentin Vs affected dentin
5. Minimal Intervention Dentistry.
6. Pins in Operative Dentistry.
7. Balanced Force technique.
8. Posterior Composite
9. Standardization of Endodontic instruments.
10. Access cavity preparation – Objectives and principles

WRITE BRIEFLY ON

10X2 =20M

11. Sodium Hypochlorite
12. C shaped canals
13. Hemi section
14. Storage media for avulsed teeth
15. E Faecalis
16. Iontophoresis
17. Annealing
18. Total – etch technique
19. Delayed Expansion
20. Cavity varnish

Q.P.CODE: 430/410

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – MAY , 2022
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

1. Enumerate the different root cana preparation techniques. Discuss in detail the step back method with illustrations. **4+5= 9M**
- 2.

Q.P.CODE: 430/410

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – NOVEMBER , 2021
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

1. Enumerate the various working length determination methods. **5+4=9 M**
Write in the detail about the ingle”s technique.
2. Discuss in detail the different methods for managing deep carious lesions. **9M**

WRITE SHORT NOTES ON

8X4 = 32M

3. Zinc Poly carboxylate cement
4. Cohesive gold
5. Amalgum trituration and condensation
6. Gingival retraction cord
7. Management of avulsion
8. Differences between amalgam and inlay cavity preparation
9. Bioceramic Sealer
10. Root Resorption

WRITE BRIEFLY ON

10X2 =20M

11. Re-attachment
12. Apexogenesis
13. Retrograde Filling
14. Step back method
15. Spoon excavator
16. Gypsum bonded investment material
17. Col
18. Light curing units
19. Chlorhexidine
20. Caries risk assessment

Q.P.CODE: 430/410

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – FEBRUARY, 2021

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
- 1) Enumerate different methods of obturation. Write in detail about cold lateral compaction 5+4=9
 - 2) Define dentinal hypersensitivity. Discuss various causes and treatment options for dentine hypersensitivity 1+4+4=9

WRITE SHORT NOTES ON:

8x4=32

- 3) MTA (Mineral Trioxide Aggregate)
- 4) Errors in access cavity preparation
- 5) Differences between reversible and irreversible pulpitis
- 6) Pulpotomy
- 7) Walking bleach
- 8) Tooth preparation for class II composite restorations
- 9) Pin retained amalgam restorations
- 10) Principles of tooth preparation for cast restoration

WRITE BRIEFLY ON:

10x2=20

- 11) Sprue former
- 12) Recapitulation
- 13) Hybrid layer
- 14) Role of fluorides in prevention of dental caries
- 15) Laser doppler flowmetry
- 16) Dentin conditioning
- 17) Classify direct filling gold
- 18) Diagnosis of cracked tooth
- 19) Microbial flora of root canals
- 20) Bur design

Q.P.CODE: 430/410

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION –SEPT/OCTOBER, 2020
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

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-
- 1) Write on the standardization of root canal instruments. Write the indications, advantages and procedure of step-back technique of preparation of root canal. 4+5=9
 - 2) Define dentinal hypersensitivity. Explain the hydrodynamic theory. What are the treatment options for dentinal hypersensitivity? 2+3+4=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Total etch adhesives
- 4) Flap designs for endodontic surgery
- 5) Casting defects
- 6) Inlay restorations
- 7) Root canal sealers
- 8) Vital Bleaching
- 9) Importance and advantages of isolation of operating field
- 10) Gingival tissue management in restorative dentistry

WRITE BRIEFLY ON:

10x2=20

- 11) Functions of temporary restorations
- 12) Glass bead sterilizer
- 13) Light transmitting posts
- 14) Finishing and polishing of composite resin restorations
- 15) Buccal object rule
- 16) Mercury hygiene
- 17) Apexification
- 18) Pulp capping
- 19) Test Cavity
- 20) Instrument formula

Q.P.CODE: 430/410

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – JANUARY, 2020
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Note : Answer all questions.

Max. Marks : 70

-
- | | |
|--|---------|
| 1) Define Working length and classify methods of working length determination and add a note on Apex locators | 1+3+5=9 |
| 2) Define and classify composite resins and write in detail about various steps in restoring a class III cavity with composite resin | 1+4+4=9 |

WRITE SHORT NOTES ON:

8x4=32

- 3) Classify Endodontic instruments
- 4) Root resection
- 5) Etiology of tooth discolouration
- 6) Veneers
- 7) Various diagnostic aids to detect dental caries
- 8) Trephination
- 9) Gingival retraction cord
- 10) CAD-CAM technique

WRITE BRIEFLY ON:

10x2=20

- 11) High copper amalgam
- 12) Sodium Hypochlorite
- 13) Wedges
- 14) Peeso reamers
- 15) Rubber Dam
- 16) Gingival Marginal Trimmer
- 17) Phoenix abscess
- 18) Advantages of high speed
- 19) Automatrix
- 20) Abfraction

Q.P.CODE: 430/410

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – JULY, 2019

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

- 1) Classify Pulp and Peri Apical diseases. Write in detail about clinical features, diagnosis, differential diagnosis and treatment of Irreversible Pulpitis. 4+1+1+1+2=9

- 2) Discuss the causes of failures of Amalgam restorations and their clinical management. 6+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Pit and fissure sealants
- 4) Bevels in composite resin restorations
- 5) Advances and uses of Glass Ionomer Cement
- 6) Total Etch V/s Self Etch Adhesives
- 7) Enumerate irrigating solutions. Add a note on NaOCL (Sodium Hypochlorite)
- 8) Reamers and Files
- 9) Laws of Access Cavity Preparation
- 10) Step back technique

WRITE BRIEFLY ON:

10x2=20

- 11) Minor and major diameter
- 12) RDT (Remaining Dentin Thickness)
- 13) ABRZ (Acid-base reaction zone)
- 14) T.M.S. Pins
- 15) Triple antibiotic paste
- 16) Dens invaginatus
- 17) Radisection
- 18) Thermoplasticized Gutta-percha
- 19) Secondary Retention
- 20) Types of Dies

Q.P.CODE: 430/410

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2019

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Classify Glass Ionomer Cements. Discuss composition 2+2+1+2+2=9
and manipulation for the same and describe preparation
and restoration of Class V cavities with Glass Ionomer.

- 2) Classify tooth discolorations and causes for the same. 3+2+4=9
Discuss Night Guard Bleaching Technique.

WRITE SHORT NOTES ON:

8x4=32

- 3) Injectable Guttapercha Systems
- 4) Calcium Hydroxide in Endodontics
- 5) Test cavity Configuration. Explain with diagrams
- 6) Acid etching technique and its significance in composite restorations
- 7) Non Carious Destruction of Teeth
- 8) Tarnish and Corrosion
- 9) Single planned and Double planned instruments
- 10) Role of ultrasonics in Endodontics

WRITE BRIEFLY ON:

10x2=20

- 11) Enameloplasty
- 12) Buccal Object Rule
- 13) Test Cavity
- 14) Mineral Trioxide Aggregate
- 15) Glass Bead Sterilizer
- 16) Sandwich Technique
- 17) Zinc Free Amalgam
- 18) Bicuspidization
- 19) Management of internal root resorption
- 20) Smear Layer

Q.P.CODE: 430/410

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JULY, 2018

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Classify composite resins and write about the advantages and disadvantages and indications of composite resins. 3+2+2+2=9

- 2) Mention the various clinical diagnostic aids used in endodontics. Describe in detail Vitality testing. 3+6=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Vital bleaching of teeth
- 4) Mercury Toxicity
- 5) Minimal intervention Dentistry
- 6) Step-back Preparation
- 7) Nickel-titanium Files
- 8) Bevels in Cast Restorations
- 9) Apexification
- 10) Root Canal Irrigants

WRITE BRIEFLY ON:

10x2=20

- 11) Casting Defects
- 12) Erosion
- 13) Coupling Agents
- 14) Die Materials
- 15) Hemisection
- 16) Ethylene Diamine Tetraacetic Acid (EDTA)
- 17) Phoenix Abscess
- 18) Gates Glidden drills
- 19) Gutta-percha
- 20) Pickling

Q.P.CODE: 430/410

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2018

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

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- | | | |
|----|---|-------|
| 1) | What are the various obturation techniques? Write in detail about thermo plasticized technique. | 5+4=9 |
|----|---|-------|

- | | | |
|----|---|-------|
| 2) | Classify various methods of isolation and discuss Rubber dam in detail. | 4+5=9 |
|----|---|-------|

<u>WRITE SHORT NOTES ON:</u>	8x4=32
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- | | |
|-----|---------------------------------|
| 3) | Secondary retention features |
| 4) | Slot preparation |
| 5) | Posterior composites |
| 6) | Theories of dentine sensitivity |
| 7) | Dentine bonding agents |
| 8) | Flap designs |
| 9) | Spreaders and Pluggers |
| 10) | Intra canal medicaments |

<u>WRITE BRIEFLY ON:</u>	10x2=20
---------------------------------	---------

- | | |
|-----|-------------------------------------|
| 11) | K Files |
| 12) | Zippering |
| 13) | Balanced force technique |
| 14) | Bicuspidization |
| 15) | Instrument formula |
| 16) | RVG (Radio visio graphy) |
| 17) | Delayed expansion |
| 18) | Flowable composites |
| 19) | Twist drills |
| 20) | Resin modified glass ionomer cement |

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION – JULY/AUGUST, 2017
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

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- | | | |
|----|---|---------|
| 1) | Classify composite resins. Discuss the composition and methods to reduce the polymerization shrinkage | 2+3+4=9 |
|----|---|---------|

- | | | |
|----|---|-----------|
| 2) | Enumerate the various root canal irrigants. What are the functions of irrigants? Write in detail on chlorhexidine and sodium hypochlorite as intra canal irrigants. | 3+2+2+2=9 |
|----|---|-----------|

WRITE SHORT NOTES ON:

8x4=32

- | | |
|-----|--|
| 3) | Zones of dentinal caries |
| 4) | Bur design |
| 5) | Self threading pins |
| 6) | Mercury hygiene recommendations in dental office |
| 7) | Composition and uses of mineral trioxide aggregate |
| 8) | Vitality tests |
| 9) | NiTi files |
| 10) | Management of root fractures |

WRITE BRIEFLY ON:

10x2=20

- | | |
|-----|------------------------------------|
| 11) | Acid etching |
| 12) | Sectional matrix system |
| 13) | Localized shrinkage porosity |
| 14) | Rubber dam clamps |
| 15) | Objectives of interim restorations |
| 16) | Pink Tooth |
| 17) | Hemisection |
| 18) | Root end filling materials |
| 19) | Carbamide peroxide |
| 20) | Uses of lasers in endodontics |

Time : 3 Hours**Max. Marks : 70**

Note : Answer all questions.

-
- 1) Define dentinal hypersensitivity. Explain the hydro dynamic theory. Discuss the various treatment options for dentinal hypersensitivity. 2+3+4=9

- 2) What are the ideal requirement of intra canal medicament? Describe briefly the various medicaments used during root canal treatment. Explain triple and poly antibiotic paste. 2+4+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Flap designs for endodontic surgery.
4) Classify diseases of the pulp and periapical tissues
5) Step back technique
6) Perforation and its management.
7) Classification and uses of matrices and retainers
8) Dentin bonding agents
9) Gingival tissue retraction
10) Discuss casting defects

WRITE BRIEFLY ON:

10x2=20

- 11) Composition of Gutta Percha
12) Retrograde filling materials
13) Zones of a periapical lesion
14) Ingle's method of working length determination
15) Electric pulp test
16) Noy's principles
17) Caries detecting dyes
18) Light curing units
19) Abfraction
20) Angle former

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JULY/AUGUST, 2016

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

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-
- 1) Define Dental Composite Resin. Mention the composition and classification of composites. Discuss in detail the clinical management of class II incisal fracture of upper right central incisor using Composite Resin. 2+2+2+3=9

- 2) What are the various Endodontic Emergencies? Write about the signs, symptoms, diagnosis and management of acute alveolar abscess. 5+4=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Bonded amalgam restorations
4) Bur design
5) High copper Amalgam
6) Grasps and rests
7) Rubber Dam
8) Management of Avulsed tooth
9) Rationale of Endodontics
10) Errors in cleaning and shaping of the root canal system

WRITE BRIEFLY ON:

10x2=20

- 11) Mercury toxicity
12) Types of Gold foil
13) Pulp capping
14) Instrument formula
15) Self etch primers
16) Incision and drainage
17) Radio Visiography
18) Sodium perborate
19) Masserann kit
20) Glass bead sterilizer

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA :: AP

BDS DEGREE EXAMINATION - JANUARY, 2016
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
-
- 1) Describe in detail class II cavity preparation for amalgam restorations and its modifications. 5+4=9
 - 2) Write about Standardization of Root Canal Instruments. Write indications, advantages and procedure of Step-back of preparation of root canals. 3+1+1+4=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Speeds in operative dentistry
- 4) Enameloplasty
- 5) Intra Canal Medicaments
- 6) Pins in Amalgam Restorations
- 7) Sandwich Technique
- 8) Night guard Vital Bleaching
- 9) Pulpotomy
- 10) Flap designs used in Endodontic Surgery

WRITE BRIEFLY ON:

10x2=20

- 11) K- File
- 12) Bicuspidization
- 13) Pickling
- 14) Flowable Composites
- 15) Tarnish and Corrosion
- 16) Peeso Reamers
- 17) Cavity Varnish
- 18) Delayed Expansion
- 19) Mineral Trioxide Aggregate
- 20) Resin Modified Glass ionomer cements

- - -

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION – JULY / AUGUST, 2015
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

1)	Describe the composition of Composite resins and discuss in detail the recent advances in composite resin.	3+6=9
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2)	Discuss various methods of isolation and discuss Rubber Dam in detail.	4+5=9
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<u>WRITE SHORT NOTES ON:</u>	8x4=32
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- | | |
|-----|--|
| 3) | Tooth Hypersensitivity |
| 4) | Smear layer |
| 5) | Lateral compaction technique of obturation |
| 6) | Bevels |
| 7) | Apex locators |
| 8) | Buccal object rule |
| 9) | Tooth separators |
| 10) | Sodium hypochlorite |

<u>WRITE BRIEFLY ON:</u>	10x2=20
---------------------------------	---------

- | | |
|-----|--------------------------|
| 11) | Trituration |
| 12) | Recapitulation |
| 13) | Phoenix abscess |
| 14) | Rake angle |
| 15) | TMS (thread mate system) |
| 16) | H – files |
| 17) | Superoxol |
| 18) | Reverse curve |
| 19) | Degassing |
| 20) | Gates glidden drills |

BDS DEGREE EXAMINATION - JANUARY, 2015
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
- 1) Discuss in detail composition and manipulation of Silver Amalgam. Add a note on high Copper Amalgam. 3+2+4=9

- 2) Classify different obturation techniques. Explain thermoplasticized gutta percha technique. 4+5=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Resistance form in cavity preparation
- 4) Zones of enamel caries
- 5) Four unit instrument formula. Give examples
- 6) Indications and contraindications for inlays and onlays
- 7) Ingle's method of working length determination
- 8) Indications and procedure of intentional reimplantation
- 9) Intra canal medicaments
- 10) Night guard bleaching

WRITE BRIEFLY ON: 10x2=20

- 11) Zsigmondy - Palmer system
- 12) Functions of matrix bands
- 13) Classification of pulp protective agents
- 14) Amalgam tattoo
- 15) Advantages and disadvantages of high speed
- 16) Parts of rubber dam
- 17) Balanced force technique
- 18) Clinical features and management of reversible pulpitis
- 19) AH Plus sealer
- 20) Test Cavity

- - -

BDS DEGREE EXAMINATION - JULY, 2014
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Enumerate the stages and steps in cavity preparation. Explain outline form, resistance and retention forms in cavity preparation. 3+2+2+2=9
- 2) Classify resorption. Discuss the etiology, clinical features and management of external cervical root resorption. 2+2+2+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Methods for diagnosis of dental caries
- 4) Universal matrix system
- 5) Hybrid layer
- 6) Porosities in dental castings
- 7) Chronic hyperplastic pulpitis
- 8) Walking bleach technique
- 9) Warm vertical condensation
- 10) Apex locators

WRITE BRIEFLY ON:

10x2=20

- 11) Acid etching
- 12) Amalgapin
- 13) Abfraction
- 14) Mouth mirror
- 15) Electraloy
- 16) Advantages of dental operating microscopes
- 17) Cavitation and acoustic streaming
- 18) Transport medium for avulsed tooth
- 19) Bicuspidization
- 20) Gates Glidden Drills

- - -

**BDS DEGREE EXAMINATION – JANUARY, 2014
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

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- | | | |
|----|---|-------|
| 1) | Enumerate the causes of discoloration of teeth and write about the treatment options for discolored anterior teeth. | 4+5=9 |
|----|---|-------|

- | | | |
|----|--|---------|
| 2) | Classify amalgam alloys, write the role of each ingredient and add a note on non gamma 2 alloys. | 2+4+3=9 |
|----|--|---------|

<u>WRITE SHORT NOTES ON:</u>	8x4=32
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- | | | |
|-----|--|--|
| 3) | Calcium Hydroxide | |
| 4) | Ni-Ti files | |
| 5) | Rationale of endodontics | |
| 6) | Post and core | |
| 7) | Tarnish and corrosion | |
| 8) | Packable composites | |
| 9) | EPT (electric pulp test) | |
| 10) | Non radiographic methods of working length determination | |

<u>WRITE BRIEFLY ON:</u>	10x2=20
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- | | | |
|-----|----------------------------------|--|
| 11) | Burnishing | |
| 12) | Coupling agents | |
| 13) | Wedging techniques | |
| 14) | Chlorhexidine | |
| 15) | Step back technique | |
| 16) | Gutta-percha | |
| 17) | Hemisection | |
| 18) | Fillers used in composite resins | |
| 19) | Slow speed | |
| 20) | Composition of GIC | |

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BDS DEGREE EXAMINATION – JANUARY/FEBRUARY, 2013
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
FIFTH BDS EXAMINATION (NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

1. Describe briefly different obturation techniques? Add a note on materials used for obturation. 6+3=9

2. Discuss the causes of failures of Amalgam restorations and how do you manage them clinically. 6+3=9

WRITE SHORT NOTES ON:

8x4=32

3. Glass bead sterilizer
4. Electric pulp tester
5. Apexification
6. Intra oral Radiograph in endodontics – Mention their uses
7. Hand cutting instruments
8. Hypersensitivity of Dentine – Management
9. Single visit Root canal therapy - advantages
10. Replantation

WRITE BRIEFLY ON:

10x2=20

11. Autoclave
12. Rubber Dam
13. Smear Layer
14. Reverse Bevel
15. Nano composite restoration – advantages
16. Uses of M.T.A.
17. Sterilization of endodontic instruments
18. Bilayered Restoration
19. G.M.T. Chlorhexidine

BDS DEGREE EXAMINATION – AUGUST, 2013
FINAL BDS EXAMINATION (OR & NR)
FIFTH BDS EXAMINATION (NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

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- | | |
|---|-------|
| 1) Discuss the importance of isolation and various methods used to achieve the same | 2+7=9 |
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|--|---|
| 2) An 18 years old patient reports to the clinic with a fracture of maxillary central incisor involving dentine. Trauma happened one month back, discuss your treatment options. | 9 |
|--|---|

WRITE SHORT NOTES ON:

8x4=32

- 3) Bonding agents
- 4) Mercuroscopic expansion
- 5) Reversible Pulpitis
- 6) Balanced force technique
- 7) Thermo plasticized obturation
- 8) Zinc Polycarboxylate cement
- 9) Bevels and Flares
- 10) Endo-perio lesions

WRITE BRIEFLY ON:

10x2=20

- 11) Apexogenesis
- 12) Functions of matrix retainer
- 13) Hydrogen Peroxide
- 14) Iontophoresis
- 15) Rake angle
- 16) Disposal of scrap Amalgam
- 17) Resin matrix in restorative resin
- 18) Modulus of elasticity
- 19) Phoenix Abscess
- 20) Porosities in casting

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410/430-FINAL BDS DEGREE EXAMINATION – AUGUST, 2013- (OR & NR)
FIFTH BDS EXAMINATION (NR)-CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours-Max. Marks : 70-Answer all questions.

- 1..Discuss the importance of isolation and various methods used to achieve the same=2+7=9m
- 2..An 18 years old patient reports to the clinic with a fracture of maxillary central incisor involving dentine. Trauma happened one month back, discuss your treatment options=9m

Write Short Notes On: 8 x 4 =32m

3. Bonding agents 4. Mercuroscopic expansion 5. Reversible Pulpitis 6. Balanced force technique
7. Thermo plasticized obturation 8. Zinc Polycarboxylate cement 9. Bevels and Flares
10. Endo-perio lesions

Write Briefly On: 10 x 2=20m

11. Apexogenesis 12. Functions of matrix retainer 13. Hydrogen Peroxide 14. Iontophoresis
15. Rake angle 16. Disposal of scrap Amalgam 17. Resin matrix in restorative resin
18. Modulus of elasticity 19. Phoenix Abscess 20. Porosities in casting

410/430-FINAL (OR &NR) BDS DEG. EXAMINATION – JANUARY/FEBRUARY, 2013

Conservative Dentistry And Endodontics-Time : 3 Hours-Max. Marks : 70-Answer all questions.

- 1..Describe briefly different obturation techniques? Add a note on materials used for obturation=6+3=9m

2. Discuss the causes of failures of Amalgam restorations and how do you manage them clinically=6+3=9m

Write Short Notes On: 8 x 4=3. Glass bead sterilizer 4. Electric pulp tester 5. Apexification

6. Intra oral Radiograph in endodontics – Mention their uses 7. Hand cutting instruments
8. Hypersensitivity of Dentine – Management 9. Single visit Root canal therapy - advantages
10. Replantation

Write Briefly On: 10 x 2=11. Autoclave 12. Rubber Dam 13. Smear Layer 14. Reverse Bevel

15. Nano composite restoration – advantages 16. Uses of M.T.A.
17. Sterilization of endodontic instruments 18. Bilayered Restoration 19. G.M.T. 20. Chlorhexidine

410/430-FINAL (OR & NR) BDS DEGREE EXAMINATION – AUGUST, 2012

Fourth (nr) & final bds examination (or & nr)-fifth bds examination (nr)

- 1..Classify Silver Alloys. Give the role of each ingredient of silver alloy. Add a note on Zinc free Alloys

2. Discuss the aetiology, Clinical features and treatment of acute apical abscess.

Write short notes on: 8 X 4=3. Tarnish and corrosion 4. Classification of endodontic instruments

5. Pulpotomy 6. Control of pain during cavity preparation 7. Instrument formula
8. Separators 9. Acid etch technique 10. Rationale of Endodontics

Write briefly on: 10 x 2=20m

11. Pickling 12. Superoxol 13. Give composition and objectives of varnishes
14. Modified glass ionomer cements 15. Reversible and irreversible pulpitis – Differences
16. Ni – Ti Files 17. Matrices and Retainers 18. Post and Core
19. Differences between Internal and External Resorption 20. Hemi section

430-FIFTH BDS (N.R.) DEG. EXAMINATION – MARCH, 2012-Conservative Dentistry And

- 1..Discuss the importance of Isolation and various methods used to achieve the same=9m

2. Classify the techniques for root canal preparation. Discuss “Crown down technique”=9m

Write short notes on: 8 x 4=3..Steps in cavity preparation 4. Gutta Percha 5. Bur design

6. Degassing direct gold 7. Wedges 8. Sodium hypochlorite
9. Vital Bleaching 10. Glass bead sterilizer

Write briefly on: 10 x 2=11. Reverse bevel 12. Sprue former 13. Design of Auto matrix

14. Effects of acid etching on enamel and dentin 15. Zinc free amalgam
16. Composition of Grossman’s sealer 17. Apex locators-generations
18. Cross section of Reamer and file 19. Nerve fibers of pulp 20. Diagnosis of chronic irreversible pulpitis

410-FINAL (O.R.) BDS DEGREE EXAMINATION – JANUARY, 2012-Conservative Dentistry

- 1..Define cavity. Discuss the factors affecting retention and resistance form of class II cavity prepared for dental amalgam restoration=9m
- 2..Enumerate various methods of root canal obturation. Write briefly criteria for obturation. Describe thermoplasticized method of root canal obturation=9m

Write short notes on: 8 x 4=32m=3..Delayed expansion 4..Hedstrom files
5..Difference between visible light and ultra violet light cure composite 6..Bevels
7..Step-back technique 8..Irrigation solutions 9..Pulp vitality tests 10..Uses of calcium-hydroxide
Write briefly on: 10 x 2 =20m=11.Pin-retained restoration 12.Matrices and Retainers
13.Importance of Isolation in dentistry 14.Smear layer 15.Properties of Inlay Wax 16.Walking Bleach
17.High copper Amalgam alloys
18.Classification of fractured teeth 19.Causes of dis-coloration of teeth 20.Apexification

410-FINLA BDS DEG. EXAMINATION – JULY, 2011-CONSERV. DENTISTRY & ENDO.

- 1..Management of discolored teeth=9m 2..Root canal sealers=9m
- Write Short Notes On: 8 X 4 =32m=3. Cervical lesions 4. Interim restorations
5. Direct filling gold 6. Define and classify caries. Add a note on diagnosis of caries
7. Vertical root fractures 8. Access cavity in Mandibular permanent first molar
9. Rationale of Endodontics 10.Root end Resection and preparation

Write Briefly On: 10 x 2 =20m

11. Col 12. Abfraction 13. Sandwich Technique 14. Contact and Contours
15. 245 Bur 16. Hot air oven 17. Phoenix Abscess 18. Ledging
19. Test cavity 20. Endo-Osseous Implants

410-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2011-CONSERVATIVE

- 1..Classify various methods of isolation and discuss Rubber Dam in detail=3+6=9m
- 2.. Define Endodontic Surgery. Mention Indications and Contra Indications. Add a note on Investigations=2+3+2+2

Write Short Notes On: 8x 4=3..Tooth Hypersensitivity 4..Pin retained restorations
5..Classify Hand Instruments. Add a note on Nomenclature
6. Bleaching of Non-vital Teeth 7. Minimal Intervention Dentistry
8. Management of Perforations

9. Endodontic Microbiology. Add a note on culture techniques 10.Step back technique
- Write Briefly On: 10 x 2=11.Tertiary Dentin 12. Embrasures 13. Carbamide Peroxide
14. Butt Joint in Amalgam Restorations 15. Universal Operating Position
16. Hanks Balanced salt solution 17. H-files 18. Zipping
19.Hemisection 20. Pain Pathway

410-FINAL BDS DEG. EXAM – JULY, 2010-CONSER. DENTISTRY & ENDODONTICS

PART-A

1. Define class II cavity and enumerate the various retention, resistance and convenience forms in a class II restoration=9m

Write Short Notes=4x4=2. Tooth vitality Tests 3. Deep carious lesions 4. G.M.T. 5. Glass Ionomer

Write Briefly On:=5x2=6. Gingival tissue management 7. Non-carious lesions
8.Bonded amalgam restoration 9.Acid Etching for composite resin restorations 10.Nano Dentistry

PART-B

11. What are the various obturation techniques?Write in Detail about Thermoplasticized techniques.9

Write Short Notes On=4x4=16m

12. Working length Determination 13. Apexogenesis and apexification 14. Radicular cyst 15. Flap Designs
- Write Briefly On:= 5x2=16. Disinfection 17. Thermal pulp Testing 18. Bicuspidization
19. Pulp Stones 20. Endodontic Emergencies

410-FINAL BDS DEG. EXAM-FEBRUARY, 2010-CONSER. DENT & ENDODONTICS.

PART-A

1. Discuss in detail manipulation of silver amalgam. Add a note high copper amalgam=9m.

Write Short Notes On=4x4=16m=2. Pins in amalgam restoration 3. Porosity in casting

4. Discuss hand cutting instruments used in restorative dentistry 5. Posterior composites

Write Briefly On:= 5x2=10m

5. Tunnel preparation 6. Reverse curve 7. Mat Gold 8. Dental Bur 9. Tarnish and corrosion

PART-B

10. Discuss various diagnostic aids in endodontics=9m

Write Short Notes On=4x4=16m

11. Intra canal medicaments 12. Indications for periapical surgery and add a note on flap designs.

13. Ideal requirements of root canal sealer. Add a note on AH 2 14. Lateral condensation technique

Write Briefly On=5x2=10m=15. Walking bleach 16. Calcium Hydroxide

17. Thermo plasticized gutta-percha 18. Apical foramen 19. Pink Tooth

410-FINAL BDS DEG. EXAM – AUGUST, 2009-CONSER. DENTISTRY & ENDODONTICS

Answer all questions.

PART-A (35 MARKS)

1. Define retention form. Discuss various methods of retention form in cavity preparation=9M

Write Short Notes On: 4 X 4=16m

2. Define matrix. Discuss different types of matrices 3. Contacts and contours

4. Composites 5. Dentin bonding agents

Write Briefly On: 5 X 2 =10m

6. Spoon excavator 7. Air abrasion 8. Rubber Dam 9. Rake angle 10. CAD CAM

PART-B(35 MARKS)

11. What are various root canal irrigants? Write in detail requirement & technique of irrigation=9m

Write Short Notes On: 4 X 4=16m

12. Balanced force technique 13. Vital and nonvital bleaching techniques

14. Retrograde filling materials 15. Irreversible pulpitis

Write Briefly On: 5 X 2 =10m

16. Apexification 17. Root resorption 18. Glass bead sterilizer 19. Test cavity 20. Pulpotomy

410-FINAL BDS DEGREE EXAMINATION – MARCH, 2009-CONSERVATIVE

PART –A

1. Discuss merits and demerits of glass ionomer cement & its application in restorative dentistry=9

Write Short Notes On: =4x4=16m=2. Casting defects 3. Hypersensitivity of dentin

4. Self etching primers 5. Gingival marginal trimmer

Write Briefly On:= 5X2=10m=6. Pit & Fissure sealants 7. Retention form in amalgam cavities

8. Cavity varnish 9. High copper amalgam 10. Abfraction

PART-B

11. Mention various techniques of root canal preparation. Discuss about step back technique=9m

Write Short Notes On: 4x4=16m=12. Obturating materials 13. Management of avulsed teeth

14. Rationale of endodontics 15. Vital bleaching technique

Write Briefly On:= 5x2=10m=16. Bicuspidisation 17. Indirect pulp capping

18. Sodium hypochlorite 19. Radio visiography 20. Phoenix abscess

410-Final BDS DEGREE EXAMINATION – AUGUST/SEPTEMBER, 2008..

PART –A

1. Discuss the importance of isolation and various methods used to achieve the same=9m

Write Short Notes On=4X4=16m=2. Bevels 3. Significance of gingival seat in class II Cavity

4. Pain control during operative procedures 5. Condensation of amalgam

Write Briefly On=5X2=10m=6. Delayed expansion 7. Tarnish and corrosion

8. Enumerate generations of bonding agents 9. Investment material 10. Bases & liners

PART-B

11. Classify stains. Discuss various techniques for vital bleaching=9m

Write Short Notes On:= 4x4=16m=12. Reimplantation 13. Apexogenesis and apexification

14. Indications & contraindications of pulpotomy 15. Medicaments used in endodontics

Write Briefly On:= 5x2=10m=16. Endosonics 17. Smear layer 18. Apical matrix

19. Hot salt sterilizer 20. Significance of accessory canals

410-FINAL BDS DEG, EXAM-MARCH, 2008-CONSERVATIVE DENTISTRY

PART -A

1. Give the differences in cavity preparation for class II silver amalgam and gold alloy inlay=9m

Write short notes on:= 4x4=16

2) Calcium Hydroxide 3) Contact point 4) Acid etch technique 5) Hand cutting instruments

Write briefly on:=5x2=10

6. Wedges 7. Smear layer 8. Burnishing of amalgam 9. Sprue former 10. High copper alloy

PART - B

11. Discuss the various difficulties encountered in endodontics and how will you manage them?=9m

Write short notes on:= 4x4=16=12) Recapitulation 13) Walking bleach technique

14. Glass Bead sterilizer 15) Sodium Hypochlorite as a root canal irrigant

Write brief notes on: =5x2=10=16) Hermetic seal 17) Gutta percha points

18) Iontophoresis 19) Speed in Dentistry 20) Rubber dam

410-Nr-Final BDS Deg Exam – October, 2007-Conservative Dentistry And Endodontics-(N.R)

Part-a

1. Discuss in detail the retention and resistance forms of a conventional class II cavity for amalgam restoration

Write= 4 x 4 =2. Bur Design 3. Black's instrument formula 4. Gingival retraction methods 5. Speed in Dentistry

Write brief notes on: 5 x 2 =10m; 6. Post & core 7. Cavity varnish and Cavity liners

8. Pit and fissure sealants 9. Separation of teeth 10. Reverse bevel

Part-B

11. Discuss vital pulp therapy=9m

Write short notes on: 5 x 2 =10m; 12. Access cavity in permanent maxillary first molar

13. Hyper sensitive dentine 14. Root Resection 15. Transposition of canals

Write briefly: 5 x 2 =16. Tarnish & Corrosion 17. Chelating agents 18. Vitality tests 19. Phoenix abscess

20. Pink tooth

APRIL, 2007

PART -A

1. Classify hand cutting instruments. What are the uses of enamel chisels.=9

2. Write short notes on : 4x4=16=a) Treatment of acute pulpitis b) Zinc phosphate cement

c) Management of hypersensitive dentin d) Hybrid composites

3. Write briefly: 5x2=a) Resistance form b) Diagnosis of deep seated caries c) Role of tartaric acid

e) Sprue former f) Effect of xerostomia on teeth

PART - B

4. Enumerate various extirpating instruments for pulp. Describe the role of files and spreaders.

5. Write short notes on: 4x4=16=a) Various obturating techniques of gutta percha

b) External root resorption c) Root fracture and its treatment d) Treatment of avulsed tooth

6. Write briefly on: 5x2=10=a) High copper amalgam b) Various abrasive materials

c) Effect of over obturating root canals. d) Silicate cement e) Hydrogen Peroxide

410-Or-Final B. D. S Degree Exam–April, 2007-Conservative Dentistry Endodontics-(O.R)

PART -A

1. State various steps considered in preparation of class II cavity design for Gold in lay.
2. Write short notes: 6x5 =a) Importance of indirect pattern b) Management of deep carious lesion
c) Separatorsd) Wedges e) Resistance form f) Convenience form

Part-B

3. Classify various endodontic emergencies. Management of same.10
4. Write short notes on: 6x5 = 30=a) Ca (OH)₂ in endodontics b) Apical curettage c) Spreaders
d) Vitality tests and its importance e) Sealers f) Gutta percha and its uses

OCTOBER-2006

Part-A

1. State various morphological defects of tooth structure. How will you treat them=9m
2. Write short notes on: 4 x 4 =16m; a) Lasers in Dentistry b) Luting cement
c) High Copper amalgam d) Rotary cutting instrument
3. Write briefly on: 5 x 2 =10m; a) External outline form b) Slow speed c) Toefelmier retainer

Part-B

4. Write various endodontic failures. How will you overcome them? =9m
5. Write short notes on: 4 x 4 =16m; a) MTA b) Internal resorption c) Intentional reimplantation
d) Irrigation in root canal therapy
6. Write briefly on: 5 x 2 =10m; a) Uses of Ca (OH)₂ in endodontics b) Treatment of open apex
c) Smear layer in d) Bleaching agents e) Access opening

APRIL-2006

Part-A

1. Discuss control of pain during operative procedure=9m
2. Short: 4 x 4 =a) Caries activity tests b) Outline form c) Mercury toxicity d) Direct composite veneers
3. Write briefly on: 5 x 2 =10m; a) Causes of intrinsic discoloration of teeth b) Gingival marginal trimmers
c) Wedge d) Uses of Zinc-oxide eugenol cement e) Significance of contacts and contours

Part-B

4. Define intentional Reimplantation. Write the indications, contraindications and technique of Intentional Reimplantation=9m
5. Write short notes on: 4 x 4 =16m; a) Irrigation b) Acute periapical abscess
c) Culture methods in endodontics e) Flap designs in surgical endodontics
6. Write briefly on: 5 x 2 =10m; a) Schilder's technique b) Causes of dentin hypersensitivity
c) Atrophy and Fibrosis of pulp d) 'C' shaped canal configuration e) Sodium hypochlorite

OCT./NOV.2005 (N.R.)

Part-A

1. Discuss the importance of isolation of the operating field and various methods to achieve it in conservative dentistry =9marks
2. Write short notes on: 4 x 4 =a) Sprue and sprue former b) Matrices c) Metallurgy of silver amalgam
d) Causes of wasting diseases of teeth
3. Write briefly on: 5 x 2 =10marks; a) Reverse curve b) Gingival retraction c) Macroabrasion
d) Circumferential tie e) Advantages of Rubber-Dam

Part-B

4. Enumerate indications, contraindications and technique of post and core =9marks
5. Write short notes on: 4 x 4 =16marks; a) Gates Glidden drills b) Phoenix abscess
c) Advantages and disadvantages of NiTi rotary endodontic instruments
d) Role of Ca (OH)₂ in endodontics
6. Write briefly on: 5 x 2; a) Recapitulation b) Pulp vitality tests c) Uses of MTA in endodontics
d) Importance of buccal-object rule in radiographs e) Calcific metamorphosis of pulp

MAR/APR.2005-N.R.

Part-A

1. Discuss status of composite resins as a posterior restorative material =9marks
2. Write short notes on: 4 x 4 =a) Bur design b) Cavity varnishes
c) Management of dentinal hypersensitivity d) Microabrasion
3. Write briefly on: 5 x 2 =10marks; a) Eame's technique b) Types of bevels
c) Pit and fissure sealants d) Chemiclaving e) Separators

Part-B

4. How do you know that the root canal system is ready for obturation? Discuss lateral condensation technique
5. Write short notes on: 4 x 4 =16marks; a) Pink tooth b) Apexification and Apexogenesis
c) Anatomy of root canal of maxillary permanent first molar d) Apical matrix
6. Write briefly on: 5 x 2 =a) Disinfectants b) Apex locators c) Barbed broaches
d) Ca(OH)₂ based root canal sealers e) EDTA in endodontics

OCTOBER, 2004.

Part-A

1. Describe the technique of Class II Cavity Preparation for Silver Amalgam in an Upper First Molar. Mention the advantages of High Copper Amalgam =9marks
2. Write short notes on: 4 x 4 =16marks; a) Management of Hypersensitive Dentine b) Luting Cements
c) Management of Gingival Tissue during operative procedures d) Visible Light cured composites
3. Write briefly: 5 x 2 =a) Convenience Form b) Ultra speed c) Phosphoric Acid d) Sprue Former e) Abfraction.

Part-B

4. Classify Endodontic Instruments. Describe the hand Instruments used for Canal Preparation =9marks
5. Write short notes on: 4 x 4 =16marks; a) Warm Gutta-percha Technique b) Internal Resorption
c) False positive and False Negative response to Electric Pulp Test d) Replantation of Avulsed Tooth
6. Write briefly on: 5 x 2 =10marks; a) Smear layer b) Carbomide Peroxide c) Recapitulation
d) Culture media used in Endodontics e) Endosonics

APRIL,2003. (N.R.)

Part-A

1. Describe the preparation of class II cavity in a molar for cast gold restoration. =9marks
2. Write short (essay): a) Die materials b) Microfilled composites c) Casting machines d) Luting cements
3. Write briefly: 5 x 2; a) Instrument formula b) Bevels in cavity preparation c) Rapid separators d) High Speed

Part-B

4. Describe the various clinical diagnostic procedures in endodontic clinic =9marks
5. Write short (essay): 4 x 4 =a) Working length b) Access cavity c) Bleaching of discoloured vital teeth
d) Root canal sealers.
6. Write short notes on: 5 x 2 =a) Lentolo fillers b) Silver points c) Thermal tests
d) Paper points e) Culture media used in endodontics.

(New Regulations) - OCTOBER, 2002.

Part-A

1. Give indications for Composite Resins. Describe the procedure of restoring fractured incisal angle =9m
2. Write short answers on: 4 x 4 =16marks
a) Advantages of High Copper Amalgam b) Instrument Formula c) Cavity Varnish d) Bevels
3. Write briefly: a) Embrasures b) Tunnel Preparation c) Post and Core d) Smear Layer e) Self Shearing Pins

Part-B

4. What do you understand by cleaning & shaping of Root canal? Describe the instruments used for the same=9m
5. Write short answers on: 4 x 4 =16m a) Ingle's method of determining working length
b) Endodontic Endosseous Implants c) Access Cavity d) Glass bead Sterilizer
6. Write briefly on: 5 x 2 =10m a) Gates Glidden Drills b) Masseran Kit c) Recapitulation
d) Sodium Hypochlorite e) Grossman's Sealer

OCTOBER 2002 - (OLD REGULATIONS) - Time: 3hrs. Max.Marks: 80

Part-A

1. Mention the various restorative materials used to restore Class-III cavity. Write the clinical procedures of restoration with any one material =10marks
2. Write short notes on: 6 x 5 =30m a) Condensation of direct filling gold b) Contact and contours c) Mechanical separators d) Reverse Curve e) Amalgapins f) Burnishing of Amalgam Restoration

Part-B

3. Describe pathways of bacterial invasion of the pulp. Explain the clinical features and management of reversible pulpitis. =10marks
4. Write short notes on; 6 x 5 =30m a) Balanced Force Technic b) Ideal requirements of Root canal Sealers c) Intentional Replantation d) Nickel-Titanium Root Canal Instruments e) Spreaders & pluggers f) Indications for Retrograde Filling

FINAL B.D.S. - 11th APRIL, 2001.

Part-A

1. Describe the Merits and Demerits of Glass Ionomer cement and applications in Restorative Dentistry =10
2. Short:a)Describe components of Rubber Dam Kit b)Finishing & Polishing of Amalgam restoration c) Veneers d) Retraction Chord e) Classification of Dental caries f) Prophylactic Odontotomy=6x5

Part-B

1. Classify and describe various intracanal medicament in root canal treatment =10marks
2. Short Notes: a) Hemisection b) Endodontic files c) Luebile-Ochsenbein flap d) Accessory canals e) Gupttapercha f) Role of Radiographs in Endodontics =6x5=30marks

OCTOBER, 2000.

Part-A

1. Describe technique of restoring large abrasive lesion in upper maxillary canine –10marks
2. Short Notes: a) Mercury Hygiene b) Cavity Liners c) Back pressure porosity d) Automatrix e) Dentus Burs f) Contact point =6x5=30marks

Part-B

3. What are the Ideal requirements of Intracanal Medicament? Describe briefly the various medicaments used during root canal treatment =10marks
4. Short Notes: a) Steep Back Technique b) Apexification c) Irreversible pulpitis d) Post and Core e) AM-26 f) Standardization of Root canal Instruments

APRIL, 2000.

Part-A

1. Describe Class-II cavity preparation for Gold inlay and preparation of Direct Wax pattern –10marks
2. Short Notes: a)Acid Etching b)Self shearing pins c)Hybrid Ionomers d) Hatchet and Hoe e) High copper Amalgam f) Matrices and Retainers used in Restorative Dentistry =6x5=30marks

Part-B

3. Describe Rationale and principles of Endodontic treatment =10marks
4. Short Notes: a) Calcium Hydroxide b) Indications for Periapical surgery c) Gates-Glidden Drill d)Electric Pulp test e) Reversible Pulpitis f) Crown-Down – Pressure less Technique=6x5=30marks

11th OCTOBER, 1999.

Part-A

1. Discuss Etiology and management of hypersensitive Dentine =10marks
2. Short Notes: a) Dentine Bending Agents b) Separation of tooth c) Instrument formula for hand cutting instruments d) Bevels in cavity preparation e) Types of fillers used in composite resins f) Porosity's in dental castings =6x5=30

Part-B

1. What are the various methods of determining working length in Endodontics. Describe any one method in detail.=10m
2. Short Notes: a) EDTA b) Thermoplastisized Gutta-percha Technique c) Endosonics d) Night guard bleaching e) Hot salt sterilizer f) Phoenix Abscess =6x5=30m

12th APRIL, 1999.

Part-A

1. Write in detail the CL.II Cavity, preparation for gold relay and briefly describe how you proceed to take direct max.pattern=10marks
2. Short Notes: a) High Copier Amalgam b) Soldering c) Type-II glass I nomer Cement
d) Cavity Varnish e) Acid etching of enamel f) Matrices =6x5=30marks

Part-B

3. Mention the causes for discoloration of teeth and write in detail the procedure of walking Bleach =10m
4. Short Notes: a) Gutta percha b) Trephination c) Intra canal medicament d) Pulpotomy e) Radisection
f) Indication of optical surgery –6x5=30marks

12th OCTOBER, 1998.

Part-A

1. Write in detail the CL.II cavity preparation for silver Amalgam restoration and add a note on usage of hand cutting instruments=10marks
2. Short Notes: a) High speed b) Percolation c) Zinc Polycarboxylate cement
d) Delayed expansion of Amalgam e) Tarnish and corrosion f) Gingival retraction =6x5=30m

Part-B

3. Classify endodontic instruments and briefly describe the methods of sterilization of instruments =10marks
4. Short Notes: a) Pulp tester b) Walking bleach c) Replantation d) Root canal irrigants e) Hemisection
f) Flap designs for Periapical surgery =6x5=30marks

13th APRIL 1998.

Part-A

1. Describe Class-II cavity preparation for silver amalgam with emphasis on modern concepts =10marks
2. Short notes: a)Dental Burs b)Acid etching c)Self shearing pins d)Perosities in castings e)Hybrid Ionomers

Part-B

1. Describe the rationale and principles of Endodontic treatment =10marks
2. Short Notes: a) Intentional replantation b) Thermoplatized Gutta-percha c) Irreversible pulpitis
d) Test cavity e) E.D.T.A. f) Classification of Endodontic Instruments =6x5=30marks

13th OCTOBER, 1997.

Part-A

1. Describe the technique of restoring an abrasive lesion in an upper first premolar =10marks
2. Short Notes: a) High copper Amalgam b) Separation of Tooth c) Casting Machines
d) Enamel Hatchet e) Cavity Liners =5x5=25marks

Part-B

3. Give indications for Periapical surgery. Describe briefly the procedure of apicectomy in a maxillary central incisor =10marks
4. Short Notes: a) Asepsis in Endodontics b) Step back technique c) Hederoem Files
d) Sodium Hypochlorite e) Nigh guard Bleaching =6x5=30marks

APRIL, 1997.

Part-A

1. Give indications for Gold inlay. Describe the differences in Cavity preparation between Silver Amalgam and Gold Inlay=10marks
2. Short Notes: a) Mercury Hygiene b) Advantages & Disadvantages of high speed c) Bevelling
d) Gingival Retraction e) Bending Agents =5x5=25marks

Part-B

3. Mention the various irrigants used in Endodontics. Describe ideal properties & techniques of Irrigation.10
3. Short Notes: a) Trephination b) Phoenix Abscess c) Standardization of Root canal instruments
d) E.D.T.A. e) Uses of Calcium Hydroxide in Endodontics =6x5=30marks

QP.CODE: 431/412

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – APRIL 2025
FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION
ORAL AND MAXILLOFACIAL SURGERY

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

-
- 1) Classify odontogenic tumours, Describe clinical features, 3+2+2+2=9 investigations and treatment of ameloblastoma of mandible
 - 2) Discuss in detail about landmarks, technique and complications of inferior alveolar nerve block 3+3+3=9

WRITE SHORT NOTES ON :

8x4=32

- 3) Classification of middle third fractures
- 4) Syncope
- 5) Caldwell Luc procedure
- 6) Management of Ludwigs Angina
- 7) Garry's osteomyelitis
- 8) Champy's lines of osteosynthesis
- 9) Complications of local anaesthesia
- 10) Ridge augmentation procedures

WROTE BRIEFLY ON :

10X2=20

- 11) Radicular cyst- Clinical features and management
- 12) Antibiotics in oral surgery
- 13) Trans alveolar extraction
- 14) Mechanical principles of elevators
- 15) Frey's syndrome
- 16) Submandibular space infection
- 17) Timing of repair of cleft lip and palate
- 18) Cavernous sinus thrombosis
- 19) Trismus
- 20) Sequestrectomy

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

- 1) Define TMJ Ankylosis. Describe etiology, clinical Features and management of long standing unilateral TMJ ankylosis in an adult patient. **1+1+2+5=9**

- 2) Discuss in detail the landmarks, techniques and complications of infra-orbital nerve block **3+3+3=9**

WRITE SHORT NOTES ON :

8x4=32

- 3) Principles of tooth extraction
- 4) Oro-antral fistula
- 5) Winter's Lines and its importance during surgical extraction of impacted third molars
- 6) Genioplasty
- 7) Odontogenic Keratocyst
- 8) Cold sterilization
- 9) Management of Trigeminal Neuralgia
- 10) Composition and function of each component of local anesthetic solution

WROTE BRIEFLY ON :

10X2=20

- 11) Ideal requirements for raising a muco- periosteal flap
- 12) Biopsy
- 13) Battle's Sign
- 14) Lefort II fracture
- 15) Hilton's method of incision and drainage
- 16) HBO therapy
- 17) Acrylic cap splints
- 18) Principles of fracture management
- 19) Malunion
- 20) Mucocele

Q.P.CODE:431/412

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – APRIL, 2023

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

- 1) Define fracture. Classify condylar fractures. Write in detail about clinical features and management of unilateral condylar fracture **1+3+3+2=9**
- 2) Define impaction. Classify mandibular III molar impaction. Briefly explain the management of horizontally impacted mandibular third molar **1+4+4=9**

WRITE SHORT NOTES ON:

8x4=32

- 3) Bilateral Sagittal Split Ramus Osteotomy (BSSRO)
- 4) Ameloblastoma
- 5) Syncope
- 6) TNM classification
- 7) Trigeminal neuralgia
- 8) Marsupialization
- 9) Pleomorphic adenoma
- 10) Bleeding disorders

WRITE BRIEFLY ON:

10x2=20

- 11) Epistaxis
- 12) Gillies Approach
- 13) Cryosurgery
- 14) Autoclave
- 15) Antiseptics
- 16) Frenectomy
- 17) Osteoradionecrosis
- 18) Verrill's sign
- 19) NSAIDS
- 20) Intraligamentary Anesthesia

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – NOVEMBER/DECEMBER, 2022
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

- 3) Describe the course of mandibular nerve. Write in detail about its branches.
Explain the techniques of Inferior Alveolar Nerve Block.

2+3+4=9

- 4) Define Cyst. Classify cysts. Write in detail about clinical features, investigations and management of odontogenic keratocyst.

1+2+2+1+3=9

WRITE SHORT NOTES ON:

8x4=32

- 5) Ludwig's Angina
- 6) Management of fractured angle of Mandible
- 7) Dislocation and subluxation
- 8) Facial palsy
- 9) Oro-Antral Fistula
- 10) Premedication
- 11) Extraction in patients on anticoagulant therapy
- 12) WAR Lines

WRITE BRIEFLY ON:

10x2=20

- 13) Arch bars
- 14) Visor osteotomy
- 15) Malunion
- 16) Cephalosporins
- 17) Ketamine
- 18) Alveoloplasty
- 19) Miniplates
- 20) Battle's sign in Head Injury
- 21) Stages of General Anaesthesia
- 22) Trismus Max.

ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

- 1) Discuss in detail about Infra Orbital Nerve Block. Write its landmarks, technique and complications **5+1+1+2=9**
- 2) Define and classify Fibro Osseous Lesions. Write in detail about clinical features, investigations and management of Fibrous Dysplasia **1+3+2+1+2=9**

WRITE SHORT NOTES ON:

8x4=32

- 3) TMJ ankylosis
- 4) Suturing techniques
- 5) Cold sterilization
- 6) Control of hemorrhage
- 7) Apicoectomy
- 8) Masticator space infection
- 9) Warthin's tumour
- 10) Distraction osteogenesis

WRITE BRIEFLY ON:

10x2=20

- 11) Rigid Internal Fixation
- 12) Ranula
- 13) Coleman's sign
- 14) Steroids
- 15) Partsch I & II procedures
- 16) Carcinoma in situ
- 17) Waste disposal
- 18) Syncope
- 19) CryOsurgery
- 20) Dry socket

Q.P.CODE:431/412

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – NOVEMBER, 2021

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

- 1) Define fracture. Write classification, clinical features, investigations and management of fractures of angle of mandible **1+2+2+1+3=9**
- 2) Classify hemorrhagic disorders. Discuss in detail how do you manage a patient with a known haemophilia for dental extraction **5+4=9**

WRITE SHORT NOTES ON:

8x4=32

- 3) Pterygomandibular space infection
- 4) Lingual split bone technique
- 5) Oroantral Fistula
- 6) Uses of elevators and their complications
- 7) Mechanism of action of local Anesthesia
- 8) Lefort I fracture
- 9) Garre's osteomyelitis
- 10) Pleomorphic adenoma

WRITE BRIEFLY ON:

10x2=20

- 11) Genioplasty
- 12) Suture materials
- 13) Mucocele
- 14) Premedication
- 15) Mandibular tori
- 16) Classification of dental implants
- 17) Pericoronitis
- 18) Vissor osteotomy
- 19) Autoclave
- 20) Cephalosporins

Q.P.CODE:431/412

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – FEBRUARY, 2021

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Classify odontogenic cysts. Write about the clinical features, diagnosis and management of odontogenic keratocyst of mandible 3+2+2+2=9
- 2) Classify midface fracture and discuss the clinical features and management of LEFORT II fracture 3+3+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Syncope
- 4) Cardiopulmonary Resuscitation
- 5) Transalveolar extraction
- 6) Gow Gate's technique
- 7) Anaphylaxis
- 8) Chronic suppurative osteomyelitis
- 9) CSF rhinorrhoea
- 10) Ridge augmentation procedures

WRITE BRIEFLY ON:

10x2=20

- 11) Classification of cleft palate
- 12) Gunning splint
- 13) Dry socket
- 14) Frey's syndrome
- 15) Frenectomy
- 16) WAR lines
- 17) Incision and drainage
- 18) Bell's palsy
- 19) Composition of LA
- 20) Biopsy

Q.P.CODE:431/412

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – SEPTEMBER, 2020

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL AND MAXILLOFACIAL SURGERY

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

- 1) Define and classify local anesthesia. Discuss the mechanism of action of local anesthetic agent. 1+4+4=9

- 2) Define ankylosis. Explain in detail clinical features, investigations and treatment protocol for ankylosis in a 7 year child. 1+2+2+4=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Lefort 1 fracture
- 4) Oral surgery considerations in a patient on aspirin
- 5) Nerve injuries
- 6) Oro Antral fistula
- 7) Vestibuloplasty
- 8) AOT (Adenomatoid Odontogenic Tumor)
- 9) Dry socket
- 10) Mandibular osteotomy procedures

WRITE BRIEFLY ON: 10x2=20

- 11) Biopsy
 - 12) Gille's temporal approach
 - 13) TNM classification
 - 14) Local haemostatic agents
 - 15) Cephalosporins
 - 16) Eminectomy
 - 17) Mucocele
 - 18) Trismus
 - 19) Carnoy's solution
 - 20) CSF Rhinorrhoea
-

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – JANUARY, 2020
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

Time : 3 Hours

ORAL AND MAXILLOFACIAL SURGERY

Max. Marks : 70

Note : Answer all questions.

1. Classify mandibular fractures. Describe clinical features, diagnosis and management of bilateral condylar fractures 2+2+2+3=9

2. Define Ludwig's Angina. Describe aetiology, clinical features and management of Ludwig's Angina. 2+2+2+3=9

WRITE SHORT NOTES ON:

8x4=32

3. Apicoectomy
4. Principles of flap design
5. Sterilization and disinfection in dental practice
6. Cavernous sinus thrombosis
7. Medical emergencies in dental practice
8. Principles of elevators
9. Aetiology and clinical features of TMJ Ankylosis
10. BSSO (Bilateral Sagittal Split Osteotomy)

WRITE BRIEFLY ON:

10x2=20

11. Deans Alveoloplasty
12. Sjogren's syndrome
13. Ranula
14. NSAID
15. HBO therapy
16. Genioplasty
17. Complex Odontoma
18. Reimplantation
19. Tinel's sign
20. Osteoradionecrosis

ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

- 1) Discuss in detail about landmarks, technique and complications of infra orbital nerve block. 3+3+3=9

- 2) Define and classify Osteomyelitis. Describe in detail clinical features, investigations and management of chronic suppurative osteomyelitis. 1+2+2+1+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Oro-antral fistula
- 4) Bell's Palsy
- 5) Enucleation and marsupialization
- 6) Kaban's protocol
- 7) Classify middle third facial fractures
- 8) TNM's classification
- 9) Syncope
- 10) Theories of LA

WRITE BRIEFLY ON:

10x2=20

- 11) FNAC
- 12) Clinical features of Trigeminal neuralgia
- 13) Sialolithiasis
- 14) Battle's sign
- 15) Contraindications of exodontia
- 16) CSF Rhinorrhea
- 17) Warthin's tumour
- 18) Eminectomy
- 19) Timing of repair of cleft lip and palate
- 20) Nonunion

Q.P.CODE:431/412

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2019

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- | | | |
|----|--|---------|
| 1) | Define fracture. Classify Mandibular Fractures. Add a note on treatment of Condylar Fracture. | 1+4+4=9 |
| 2) | Explain the causes, clinical features and treatment of dislocation of the Temporomandibular Joint. | 2+3+4=9 |

WRITE SHORT NOTES ON:

8x4=32

- 3) Healing of Extraction Socket
- 4) Ludwig's Angina
- 5) Enucleation of Cyst
- 6) Frey Syndrome
- 7) Trigeminal Neuralgia
- 8) Biopsy
- 9) Bilateral Sagittal Split Osteotomy
- 10) Antibiotic prophylaxis

WRITE BRIEFLY ON:

10x2=20

- 11) Penicillin
- 12) Thyroid Storm
- 13) Antiseptic used in oral surgery
- 14) Stages of Anaesthesia
- 15) Clinical features of Lefort-III fractures
- 16) Drugs used in Anxiety Reduction Protocol
- 17) Management of Syncope
- 18) Indications for Genioplasty
- 19) Waldron's Procedure
- 20) Emla Cream (EMLA)

ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 21) What are the causes, clinical features and management of Oro-antral Fistula? 2+3+4=9

- 22) Define extraction. Explain the principles of extractions and management of Grossly Decayed Mandibular Molar. 1+3+5=9

WRITE SHORT NOTES ON: 8x4=32

- 23) Autoclave
- 24) Medical emergencies in Dental Practice
- 25) Emergency Drugs
- 26) Cavernous Sinus Thrombosis
- 27) Contraindications of Local Anaesthesia
- 28) TNM classification
- 29) Apicoectomy
- 30) Arch Bars

WRITE BRIEFLY ON: 10x2=20

- 31) Waste disposal
- 32) Tori
- 33) Mucocele
- 34) Eburnation
- 35) Cryo Surgery
- 36) Keratocyst
- 37) Localization of Impacted Canine
- 38) Flaps in Oral Surgery
- 39) Sialadenitis
- 40) Champy's lines of Osteosynthesis

Q.P.CODE:431/412

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2018

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) What are the signs and symptoms of Le fort type I fracture? 2+2+5=9
How do you manage the same?

- 2) Define cyst. Classify odontogenic cysts; write in detail 1+3+1+2+2=9
about etiopathogenesis, clinical features and management
of dentigerous cyst associated with mandibular third
molar.

WRITE SHORT NOTES ON:

8x4=32

- 3) Prophylactic antibiotics
- 4) Sterilization and Asepsis in dental practice
- 5) Indications and contraindications for removal of impacted
Mandibular third molars
- 6) Dry socket
- 7) Gate control theory
- 8) Nerve injuries
- 9) Oroantral fistula
- 10) Principles of elevators

WRITE BRIEFLY ON:

10x2=20

- 11) Guerin's sign
- 12) Classify local anesthetic drugs
- 13) Posterior superior alveolar nerve block
- 14) Pleomorphic adenoma
- 15) Pericoronitis
- 16) Medical management of Trigeminal Neuralgia
- 17) Biopsy
- 18) Transplantation of Tooth
- 19) Anaphylaxis
- 20) Malunion

Q.P.CODE:431/412

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JULY/AUGUST, 2017

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define local anaesthesia. Explain in detail the theories and mechanism of action of local anaesthesia. 1+4+4=9

- 2) Define and classify Ameloblastoma. Discuss in detail the management of Ameloblastoma of right body of the mandible 1+3+5=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Radicular cyst
- 4) Submandibular space infection
- 5) Aetiology and Management of Post extraction hemorrhage
- 6) Clinical features of Lefort III fractures
- 7) Sialolithiasis
- 8) Osteoradionecrosis
- 9) Aetiology and clinical features of TMJ ankylosis
- 10) Gillies temporal approach

WRITE BRIEFLY ON:

10x2=20

- 11) Deans Alveoloplasty
- 12) Brush Biopsy
- 13) Frenectomy – Indications
- 14) Re-implantation
- 15) Sjogren's syndrome
- 16) Birns Hypothesis
- 17) Opioid Analgesics
- 18) Bell's Palsy
- 19) Gap Arthroplasty
- 20) Epistaxis

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2017

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- | | | |
|----|--|---------|
| 1) | Write in detail the clinical features and management of trigeminal neuralgia. Add a note on differential diagnosis. | 3+4+2=9 |
| 2) | Discuss classification and clinical features of Mandibular fractures. Add a note on management of unfavourable fractures of angle of mandible. | 3+2+4=9 |

WRITE SHORT NOTES ON:

8x4=32

- 3) Caldwell-luc operation
- 4) BSSO (Bilateral Sagittal Split Osteotomy)
- 5) Osteomyelitis
- 6) Lefort II fracture
- 7) Dentigerous cyst
- 8) Ridge augmentation
- 9) Transalveolar extraction
- 10) Implants

WRITE BRIEFLY ON:

10x2=20

- 11) Tracheostomy
- 12) Stages of general anesthesia
- 13) Pain pathway from orofacial region
- 14) Principles of elevators
- 15) Ranula
- 16) Precautions for patient on anti coagulants requiring extraction
- 17) Maxillary nerve block
- 18) NSAID
- 19) Surgical Anatomy of Maxillary Sinus
- 20) HBO therapy

BDS DEGREE EXAMINATION – JULY/AUGUST, 2016
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours
Max. Marks : 70

Note : Answer all questions.

- 1) Define local anesthesia. Write in detail about landmarks, techniques and complications of inferior alveolar nerve block. 2+2+3+2=9

- 2) Define and classify cysts of jaw. Describe the clinical features, radiographic features and management of odontogenic keratocyst of mandibular posterior body and ramus region. 3+2+2+2=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Indications for open reduction of condylar fractures
- 4) Marsupialization
- 5) Classification and staging of oral cancer
- 6) Ludwig's angina
- 7) Post extraction complications
- 8) Classify Salivary gland tumors. Brief description of pleomorphic adenoma
- 9) Vestibuloplasty
- 10) Temporomandibular joint dislocation

WRITE BRIEFLY ON:

10x2=20

- 11) Classification of mandibular orthognathic procedures
- 12) Boundaries and contents of pterygomandibular space
- 13) Frenectomy
- 14) Visor osteotomy
- 15) Exodontia – definition and indications
- 16) Autoclave
- 17) Nutrition for post surgical patient
- 18) Classification of midface fractures
- 19) Kaban's protocol
- 20) Orbital blow-out fracture

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA :: AP
BDS DEGREE EXAMINATION - JANUARY, 2016
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

1)	Classify odontogenic tumors. Write in detail about Ameloblastoma along with its management.	$3+4+2=9$
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2)	Classify mandibular fractures. Write clinical features of fracture of angle of mandible, describe in details about its management.	$3+2+4=9$
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<u>WRITE SHORT NOTES ON:</u>	$8 \times 4 = 32$
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- | | |
|-----|-------------------------------|
| 3) | Genioplasty |
| 4) | Dentigerous cyst |
| 5) | Caldwell Luc operation |
| 6) | Submandibular space infection |
| 7) | MPDS |
| 8) | Tic douloureux |
| 9) | Subluxation |
| 10) | Hyperbaric oxygen therapy |

<u>WRITE BRIEFLY ON:</u>	$10 \times 2 = 20$
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- | | |
|-----|-------------------------------|
| 11) | Garré's osteomyelitis |
| 12) | Deans alveoloplasty |
| 13) | Arch bars |
| 14) | Composition of LA |
| 15) | Theories of cyst expansion |
| 16) | Waste disposal |
| 17) | Inferior alveolar nerve block |
| 18) | Suturing techniques |
| 19) | Pericoronitis |
| 20) | Cavernous sinus thrombosis |

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JULY / AUGUST, 2015

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL AND MAXILLOFACIAL SURGERY**Time : 3 Hours****Max. Marks : 70**Note : Answer all questions.

- 1) Discuss in detail indications, contraindications and principles followed in dental extraction of teeth. Add a note on complications 2+2+3+2=9

- 2) Classification and clinical features of middle third facial skeleton fractures. Discuss the management of zygomatic complex fracture. 5+4=9

WRITE SHORT NOTES ON:8x4=32

- 3) Sterilization in dental practice
- 4) Acute alveolar osteitis
- 5) Surgical management of ameloblastoma
- 6) Subluxation
- 7) Ridge augmentation procedures
- 8) Syncope
- 9) TNM staging
- 10) Anterior maxillary osteotomy (AMO)

WRITE BRIEFLY ON:10x2=20

- 11) Hemorrhage
- 12) Eagleton's criteria
- 13) Arthrocentesis
- 14) Preanesthetic medications
- 15) Salivary gland fistula
- 16) Dental wiring techniques
- 17) Pathogenesis of radicular cyst
- 18) Nerve injuries
- 19) Incision and drainage
- 20) Indications of surgical management of condyle fracture

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008412/431

BDS DEGREE EXAMINATION - JANUARY, 2015
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
- 1) Define and classify ankylosis of temporomandibular joint. Discuss the clinical, radiographic features and management of bilateral ankylosis in 8 year old child 1+2+2+1+3+=9

- 2) Classify an impacted mandibular third molar. Explain in detail the surgical procedure for removal of horizontally impacted mandibular third molar. 4+5=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Caldwell-luc procedure
- 4) Pre-prosthetic surgeries
- 5) Genioplasty
- 6) Syncope-diagnosis and management
- 7) Sialolith
- 8) Spread of infection from mandibular third molar
- 9) Gow-gates technique
- 10) Principles of management of facial fractures

WRITE BRIEFLY ON: 10x2=20

- 11) Pre-medication
- 12) Boundaries and contents of canine space
- 13) Classification of odontogenic tumors
- 14) Quinsy
- 15) Arch bars
- 16) Define orthognathic surgery
- 17) Sequencing in full mouth extraction
- 18) Principles of elevator
- 19) Gillie's approach
- 20) Classification of odontogenic cysts

- - -

**BDS DEGREE EXAMINATION - JULY, 2014
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL AND MAXILLOFACIAL SURGERY**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
- | | | |
|----|--|---------|
| 1) | Classify osteomyelitis of the jaw. Describe the clinical features and radiographic features and management of chronic osteomyelitis of the jaw bone. | 2+3+4=9 |
|----|--|---------|

- | | | |
|----|--|---------|
| 2) | Classify mandibular condylar fractures. Describe the clinical features, radiographic evaluation and management techniques for condylar fracture. | 2+3+4=9 |
|----|--|---------|

<u>WRITE SHORT NOTES ON:</u>	8x4=32
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- | | | |
|-----|---|--|
| 3) | Oro-antral communication | |
| 4) | Alveoloplasty | |
| 5) | Infraorbital nerve block | |
| 6) | Mechanism of action of local anesthesia | |
| 7) | Clinical, radiographic features and management of ameloblastoma of mandible | |
| 8) | Sterilization and disinfection in dental practice | |
| 9) | Adrenal insufficiency | |
| 10) | General anesthesia | |

<u>WRITE BRIEFLY ON:</u>	10x2=20
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- | | | |
|-----|---|--|
| 11) | Complex odontoma | |
| 12) | Osteoradionecrosis | |
| 13) | Frenectomy | |
| 14) | Inclusion and drainage | |
| 15) | Classification of maxillary orthognathic procedures | |
| 16) | Boundaries and contents of lateral pharyngeal space | |
| 17) | Disposal of waste | |
| 18) | Pericoronitis | |
| 19) | Tracheostomy | |
| 20) | Radicular cyst | |

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**BDS DEGREE EXAMINATION – JANUARY, 2014
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL AND MAXILLOFACIAL SURGERY**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Classify jaw cysts. Describe in detail the clinical and radiographic features, pathogenesis and management of odontogenic keratocyst. 2+2+2+3=9

- 2) Classify fascial spaces. Describe spread of odontogenic infection and in detail pterygomandibular space infection. 2+3+4=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Ludwig's Angina
- 4) Osteomyelitis of jaw
- 5) Trismus
- 6) Contraindications for extraction
- 7) Temporomandibular joint dislocation
- 8) Complications of fracture
- 9) Biopsy
- 10) Principles in use of elevators

WRITE BRIEFLY ON:

10x2=20

- 11) Use of vasoconstrictors in local anesthetic solution
- 12) Rehrmann's flap
- 13) Types of Blow out fracture
- 14) Dry socket
- 15) Cardiopulmonary resuscitation
- 16) Myofascial pain dysfunction syndrome (MPDS)
- 17) Dry heat sterilization
- 18) Interpositional arthroplasty
- 19) Apicoectomy
- 20) Osseointegration

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BDS DEGREE EXAMINATION – JANUARY/FEBRUARY, 2013
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
FIFTH BDS EXAMINATION (NR)
ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define osteomyelitis. Discuss the clinical features, signs and symptoms and management of acute suppurative osteomyelitis. 1+2+2+4=9

- 2) Write about the embryogenesis and surgical anatomy of Maxillary Sinus. Discuss in detail about Oro antral fistula. 2+2+5=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Cat gut sutures
- 4) Anaphylaxis
- 5) Cephalosporins
- 6) Winters (WAR) lines
- 7) Timing of repair of cleft lip and palate
- 8) Torus
- 9) Trismus
- 10) Apicoectomy

WRITE BRIEFLY ON:

10x2=20

- 11) NSAIDS
- 12) Keratocyst
- 13) Dry Socket
- 14) Submucous fibrosis
- 15) Transillumination test
- 16) Biopsy
- 17) Gilles approach
- 18) Frey's syndrome
- 19) Pyramidal Fracture
- 20) Aetiology of Hepatitis B

- - -

BDS DEGREE EXAMINATION – AUGUST, 2013
 FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
 FIFTH BDS EXAMINATION (NR)
ORAL AND MAXILLOFACIAL SURGERY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Classification and the clinical features of Mandibular fractures. Management of unfavourable fractures of angle of mandible 2+2+5=9

- 2) Discuss in detail about infra orbital nerve block. Write its landmarks, Technique and Complications 3+3+3=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Trigeminal neuralgia and its management
- 4) TMJ Ankylosis
- 5) Oro – Antral Fistula
- 6) Marsupialization
- 7) Waste Disposal
- 8) Lingual split bone technique
- 9) Moist heat sterilization
- 10) Gow-Gates technique

WRITE BRIEFLY ON: 10x2=20

- 11) Syncope
- 12) Infiltration Anaesthesia
- 13) Pterygomandibular space boundaries
- 14) Arch Bars
- 15) Frenectomy
- 16) Cryosurgery
- 17) Sialolith
- 18) Autoclave
- 19) Bell's sign
- 20) Genioplasty

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412/431-BDS DEGREE EXAMINATION-JANUARY/FEBRUARY, 2013-Fourth (nr) & final bds examination (or & nr)-fifth bds examination (nr) Oral and maxillofacial surgery

Time : 3 Hours-Max. Marks : 70=Answer all questions.

- 1..Define osteomyelitis. Discuss the clinical features, signs and symptoms and management of acute suppurative osteomyelitis=1+2+2+4=9m
- 2..Write about the embryogenesis and surgical anatomy of Maxillary Sinus. Discuss in detail about Oro antral fistula=2+2+5=9m

Write Short Notes On: 8 x 4=32m

- 3..Cat gut sutures 4..Anaphylaxis 5..Cephalosporins 6. Winters (WAR) lines
- 7..Timing of repair of cleft lip and palate 8. Torus 9. Trismus 10.Apicoectomy

Write Briefly On: 10 x 2=20m

- 11.NSAIDS 12.Keratocyst 13.Dry Socket 14.Submucous fibrosis 15.Transillumination test
- 16.Biopsy 17.Gilles approach 18.Frey's syndrome 19.Pyramidal Fracture 20.Aetiology of Hepatitis B

412/431-BDS DEG. – AUGUST, 2012-Fourth (nr) & final bds examination (or & nr)-Fifth bds examination (nr)-Oral and maxillofacial surgery-Time : 3 Hrs-Max. Mrks : 70-Answer all questions

- 1..Write the clinical features, aetiology and management of Ludwig's Angina. Add a note on systemic complications=3+2+2+2=9m
- 2..Classify Mandibular fractures and write about the clinical features and management of condylar fractures=4+3+2=9m

Write Short Notes On: 8 x 4=32m

- 3..Elevators, their uses and complications. 4.Penicillins. 5..Pre anaesthetic evaluation
- 6..Vestibuloplasty. 7.Risdon's incision. 8.Trigeminal Neuralgia 9.Hyperbaric oxygen therapy.
- 10.Premalignant conditions.

Write Briefly On: 10 x 20m

- 11.Infra temporal space 12.Dead space management 13.Infiltration Anaesthesia
- 14.Disposal of waste 15.Nutrition for post surgical patient 16.Papilloma
- 17.TNM Classification. 18.Eburation 19.Oro antral fistula 20.Lag screw.

431-FIFTH BDS (N.R.) DEG. EXAMINATION-MARCH, 2012-Oral & Maxillofacial Surgery

Time : 3 Hours-Max. Marks : 70-Answer all questions.

- 1..Classify mid face fractures. Discuss management of zygomatic bone complex fracture=9m
- 2..Classify ankylosis of TMJ. Describe clinical features, diagnosis and treatment of an unilateral bony ankylosis case, in a child of 9 years=9m

Write short notes on:8 X 4 =32m

- 3..Minor oral surgeries in Haemophilic and Diabetic patients 4..Odontogenic keratocyst
- 5..Osteoradionecrosis. 6..Radiological assessment of an impacted lower third molar tooth
- 7..Healing of Extraction Socket. 8..Medical emergencies in dental office
- 9..Marsupialization 10.Surgical approaches to mandible

Write briefly on:10 x 2=20m

- 11.Anaphylaxis 12.Ranula 13.Odontoma 14.Frenectomy 15.Arch bars
- 16.Garré's Osteomyelitis 17.Gunning Splint 18.Aneurysmal bone cyst
- 19.Torus Palatinus 20.Suture Materials

412-FINAL BDS (O.R.)DEG. EXAM-JANUARY, 2012-ORAL & MAXILLOFACIAL SURGERY-

Time : 3 Hours-Max. Marks : 70-Answer all questions.

- 1..Classify local anaesthetic agents. Discuss the mechanism of action of local anaesthetics=9m
- 2..Discuss in detail about the clinical features, histological features and the variants of Ameloblastoma. Write about the management of Ameloblastoma in the body of mandible=9m

Write short notes on:8 x 4=32m

- 3..Inferior alveolar nerve block techniques 4..Apicoectomy 5. Alveoloplasty.
6. Shift Cone technique 7. CSF Rhinorrhea. 8. Leukoplakia 9. Incision and Drainage
- 10.Absolute contra indications of Extraction

Write briefly on:10 x 2=20m

- 11.Propofol 12.Mucocele 13.Dry socket 14.Intra oral suturing methods 15.Axonotmesis

412-FINAL BDS DEG. EXAM– JULY, 2011-ORAL& MAXILLOFACIAL SURGERY

- 1..Define impaction, indications, contraindications and classification of mandibular impacted third molar. Add a brief note on surgical removal of mandibular horizontal impacted third molar tooth=9m
- 2..Define Ludwig's Angina. Describe etiology, clinical signs, symptoms and the steps in the management of Ludwig's Angina?=9m

Write Short Notes On:

- 3..Management of post extraction bleeding 4..Electrophysiology of nerve conduction
- 5..Diagnosis & management of chronic Oro-Antral fistula.
- 6..Define Biopsy. What are the various Biopsy Techniques?
- 7..Clinical features & management of chronic Osteomyelitis.
8. Management of fracture of angle of mandible
9. Clinical features & management of Trigeminal Neuralgia 10.Vestibuloplasty

Write Briefly On:10 X 2 =20m

11. Autoclave 12. Non union 13. Pterygomandibular space infection 14. Dentoalveolar fracture
15. Trismus 16. Cephalosporins 17. Blow-out fracture 18. Sub-Luxation
19. Syncope 20.Keratocyst

412-FINAL BDS DEG. EXAMINATION – FEB., 2011

- 1..Classify Odontogenic Tumors of the jaw bones. How do you diagnose and manage a case of Ameloblastoma of the mandible=9m
- 2..What are the signs and symptoms in Lefort type I Fracture? How do you manage the same?=9m

Write Short Notes On: =8 x 4=32m

- 3..Gow Gates Technique 4..Surgical closure of Oro-Antral Fistula
- 5..Local & Systemic Complications of Local Anesthesia
- 6..Clinical features of Ludwig's Angina and Management 7..Pyramidal Fracture
8. Dislocation of TMJ 9. Ketamine 10.Cardiopulmonary Resuscitation

Write Briefly On: 10 x 2 =20m

- 11..Sub-Mucous Fibrosis 12..Winter's imaginary lines 13. Gillies Temporal approach
14. Frenectomy 15. Dry socket 16. Posterior Superior Alveolar Nerve blocks
17. Trans Alveolar Extraction 18. Osseo-Integration 19. Arch bars 20. Hepatitis "B"

412-FINAL BDS DEG. EXAMINATION – JULY, 2010

PART-A

1. Define local anaesthesia. Write about the ideal properties of a local anaesthetic drug and discuss metabolism of amide and ester type local anaesthetics=9m

Write Short Notes On=4x4=16m

2. Inferior alveolar nerve block 3. Complications of extraction 4. Ridge augmentation procedures
5. Precautions to be taken for extraction in: a) Diabetic patients b) Cardiac patients

Write Briefly On=5x2=10m=6. Ibuprofen 7. Hemostatic agents

8. Principles of tooth extraction 9. Premedication 10.Nerve supply to maxillary teeth

PART-B

11. Classify middle third fractures. Write about the clinical features and management of zygomatic complex fractures=9m

Write Short Ntes On:=4x4=16m=12. Marsupialization 13. Management of ameloblastoma

14. Etiology and clinical features of TMJ ankylosis 15. Buccal space infection

Write Briefly On:=5x2=10m=16. Dentoalveolar fracture 17. Radicular cyst

18. Pericoronitis 19. Sialography 20. Genioplasty

412-FINAL BDS DEG. EXAM – FEBRUARY, 2010

PART-A

1. Write the nerve supply of the maxillary teeth. Write about the landmarks and technique of posterior superior alveolar nerve block and associated complications.

Write Short Notes On: =4x4=2. Phases of general anaesthesia

3. Etiology and management of post-extraction hemorrhage.
4. Mechanism of action of local anaesthesia 5. Transalveolar extraction
Write Briefly On=5x2=10m=6. Gow-Gates technique 7. Cephalosporins
8. Moist heat sterilization 9. Birn's Hypothesis 10. Incision and drainage

PART-B

11. Classify osteomyelitis. Discuss the clinical features and management of osteomyelitis in the body of the mandible=9m

Write Short Notes On=4x4=16m

12. Indications and contra-indications for removal of impacted mandibular third molars.
13. Etiology and management of sub-mandibular salivary gland calculi.
14. Pterygomandibular space infection 15. Lefort I fracture
Write Briefly On=5x2=10m
16. Dentigerous cyst\ 17. Anaphylaxis 18. Miniplates 19. Nerve injuries 20. Tracheostomy

412-FINAL BDS DEG. EXAM– AUGUST, 2009

PART-A (35 MARKS)

1. Discuss in detail indications, contra-indications, principles followed in Dental extraction of teeth and add a note on complications=9m

Write Short Notes On: 4 x 4=16m

2. Composition of local anaesthetic solution and part played by each component.
3. Principles of Antibiotic therapy. 4. Uses of elevators and their complications
5. Sterilization and disinfection in dental practice.

Write Briefly On: 5 x 2 =10m

6. Haematoma. 7. Mental Nerve Block 8. Ketamine 9. Frenectomy 10. Amoxycillin

PART-B(35 MARKS)

11. Classify odontogenic cysts. Write about the clinical features, diagnosis and management of odontogenic keratocyst occurring in the mandibular third molar region=9m

Write Short Notes On: 4 x 4 =16m

12. Ankylosis Treatment Protocol. 13. Management of fracture of angle of mandible
14. Dislocation and subluxation. 15. Dry Socket

Write Briefly On: 5 x 2 =10m

16. Cerebrospinal fluid rhinorrhoea. 17. Garre's Osteomyelitis 18. En-Bloc Resection
19. Medical management of trigeminal neuralgia. 20. Biopsy

412-FINAL BDS DEGREE EXAMINATION – MARCH, 2009

PART -A

1. Classify impacted mandibular third molars. Write about its radiographic assessment in detail=9

Write Short Notes On:= 4X4=16m=2. Intravenous sedation

3. Posterior superior alveolar nerve block 4. Prophylactic antibiotics 5. Submassetric space infection
Write Briefly On:= 5X2=6. Alveoloplasty 7. Mucocele 8. Osteoradionecrosis
9. Causes of oroantralfistula 10. Management of bell's palsy

PART-B

11. Classify odontogenic cysts. Write about the clinical features & management of dentigerous cyst=9

Write Short Notes On:= 4X4=16

12. Genioplasty 13. Lefort I fracture 14. Adenomatoid odontogenic tumour 15. Cryo surgery
Write Briefly On:= 5X2=10m=16. Sialolith 17. Transplantation of tooth 18. Anaphylaxis
19. Suspension wiring 20. Gunning splints

412-Final BDS DEGREE EXAMINATION – AUGUST/SEPTEMBER, 2008

PART -A

1. Classify local Anaesthetic agents. Discuss the mechanism of action of local Anaesthetics=9m

Write Short Notes On: =4X4=16

2. Pre anaesthetic evaluation 3. Hemorrhage following extraction 4. Vestibuloplasty 5. Syncope

Write Briefly On:= 5X2=10m=6. Infiltration anaesthesia 7. Dry socket 8. Hyperbaric oxygen

9. Principles of elevators 10. Autoclave

PART-B

11. Classify mandibular fractures and write about the clinical features and management of condylar fractures=9

Write Short Notes= 4X4=12. Winter's lines 13. Caldwell Luc procedure 14. Ludwig's angina

15. Management of Trigeminal neuralgia

Write Briefly On=5X2=10

16. Arch bars 17. Recurrence in Keratocyst 18. Cephalosporins 19. Diplopia 20. Apicoectomy

412-Bds Deg. Exam–March, 2008

PART -A

1. Write the course of maxillary nerve. And write the landmarks for posterior superior nerve block

Write short notes on: =4x4=16

2. Metabolism of local anaesthesia 3. Diagnosis of Trigeminal Neuralgia 4. Culture sensitivity

5. Blood grouping and transfusion reactions

Write briefly on: =5x2=10=6) Treatment for garres osteomyelitis

7) Investigation in case of post extraction Hemorrhage 8. Gamma Radiation

9) Premedication

10) Frenectomy

PART - B

11. Classify fractures of zygomatico complex and write about the clinical features and management of fracture of zygomatic arch.

Write short notes on: =4x4=16=12) Extra oral approach to mandible

13) Classify impacted mandibular 3rd molar tooth.

14. Odontogenic keratocyst 15. Incision & drainage

Write brief notes on=5x2=16. Various Intraoral suturing methods 17. Bone cutting Instruments 18.

Rigid osteosynthesis

19. Leukoplakia

20. Nutrition for post surgical patient

412-OR-March, 2008-Final Bds Deg.Exm

PART -A

1. Write the course of maxillary nerve. And write the landmarks for posterior superior nerve block

Write short notes on=6x5=2. Metabolism of local anaesthesia 3. Diagnosis of Trigeminal Neuralgia

4. Culture sensitivity

5. Blood grouping and transfusion reactions

6. Investigation in case of post extraction Hemorrhage 7. Frenectomy

PART - B

8. Classify fractures of zygomatico complex and write about the clinical features and management of fracture of zygomatic arch.

Write short notes on=6x5=30

9. Extra oral approach to mandible 10. Classify impacted mandibular 3rd molar tooth.

11. Odontogenic keratocyst 12. Incision and drainage 13. Various Intraoral suturing methods

14, Bone cutting Instruments

412-NR-FINAL B.D.S DEG. EXAM –OCTOBER, 2007-ORAL AND MAXILLOFACIAL SURGERY-

Part-A

1. Enumerate the medical emergencies in the dental office. Discuss in detail the management of vasovagal shock

Write short notes on: 4 x 4 =16m; 2. Contents of local anaesthetic solution 2. Halothane

4. Forceps design 5. Absolute contraindications of extraction

Write briefly on: 5 x 2 =10m; 6. Prophylaxis for infective endocarditis 7. Dry heat sterilization

8. Suturing techniques 9. Ranula 10. Approaches to mandible

Part-B

11. Classify odontogenic tumours. Write about the clinical features and management of ameloblastoma=9m

Write short notes on: 4 x 4 =16m; 12. Angle fractures of mandible 13. Management of osteomyelitis

14. Pterygomandibular space infection 15. Dislocation of T.M.J.

Write briefly on: 5 x 2 =10m; 16. Ridge augmentation 17. Submucous fibrosis

18. Brachy therapy 19. Malunion 20. CSF Rhinorrhea

APRIL, 2007

PART -A

1. Write on classification, Diagnosis of odontogenic cyst and write on treatment of odontogenic keratocyst of angle of mandible.
2. Write short notes on: 4x4=16=a) Broken Root in maxillary sinus. b) Post Infection Hematoma
c) Anaerobic anti Microbial d) Shock – septic
3. Write briefly on: 5x2=10=a) Spread of infection from maxillary tooth b) Nerve Injuries
c) Disposal of waste d) NSAID e) Hydroxy Apatite

PART-B

4. Write on golden hour of injury. What are protocols of management. 9
5. Write=4x4=a) Genioplasty b) Apicoectomy c) Radiography for ligomastic bone fracture e) Sialolith
6. Write briefly on: 5x2=10= a) Principles of Intra Oral Incision b) American pattern of forceps
c) Intraosseous wiring d) Ankylosis of T.M.J. e) Hepatitis B. Vaccination

412-OR-FINAL BDS DEG. EXAM– APRIL, 2007

PART -A

1. Write indication and contra indications for dental extraction. Add a note on principles in designing forceps.
2. Write short notes on: 6x5 = 30=a) Mechanism of action of local anaesthesia toxicity.
b) Post extraction infection c) Preoperative Assessment d) Fluid and electrolyte balance
e) Ridge modification procedure f) Etiology of Bell's palsy and management

PART – B

1. Classification of condylar fracture of mandible and indication for open reduction.
Write short notes: 6x5 = 30=a) subluxation b) Impacted maxillary canine c) Aspiration Biopsy
d) Lateral pharyngeal space infection e) Internal wiring f) Indication for use of elevators

OCTOBER-2006 – N.R.

Part-A

1. Classify Impacted Mandibular Third Molar. Write in detail the steps in surgical removal of Impacted Mandibular Third Molar=9m
2. Write short notes on: 4 x 4 =16m; a) Principles of Antibiotic therapy b) Blood transfusion reactions
c) Surgical management of TMJ ankylosis d) Complications of extractions
3. Write briefly on: 5 x 2 =10m; a) Dean's Alveoloplasty b) Cold sterilization
c) Submandibular space boundaries d) Intra-ligamentary anaesthesia e) Significance of AIDS in dentistry

Part-B

- 21) Discuss the surgical Anatomy of maxillary sinus and write in detail the management of oro-antral fistula=9

5. Write short notes on: 4 x 4 = 16m; a) Haemorrhagic shock b) Chronic suppurative osteomyelitis

- c) Management of Dento-alveolar Fractures d) Surgical management of Trigeminal Neuralgia
6. Write briefly on: 5 x 2 = 10m; a) Pathways of Pain b) Residual cyst c) Incisional Biopsy
d) Types of mucoperiosteal flaps e) Define impaction of tooth

APRIL-2006

Part-A

1. Write the clinical features, etiology and management of Ludwig's Angina and note on systemic complications = 9m
2. Write short notes: 4 x 4 ; a) Local anaesthetic agent pharmacology b) Inferior Alveolar Block - Notching
c) Haemophilia patient for Dental extraction d) Chronic osteomyelitis of Mandible
3. Write briefly on: 5 x 2 = 10m; a) Healing of Extraction wound b) Alveolopathy
c) Impacted Tooth d) Implants e) Gaseous Anaesthetic agent

Part-B

4. Write about facial proportions and note about class II and III prognathism and method to plan treatment by Orthognathic surgery = 9m
5. Write short notes on: 4 x 4 = 16m; a) Open Cap Splint Osteosynthesis
b) Champy's Osteosynthesis line for monocortical plating c) Blow out fracture of orbit
d) Premalignant conditions
6. Write briefly on: 5 x 2 = 10m; a) Residual cyst b) Adenocarcinoma for minor salivary gland in palate
c) Radiotherapy for oral carcinoma d) Apert's syndrome e) Implant supported prosthesis

OCT./NOV.2005

Part-A

1. Discuss in detail indications, contra-indications, principles followed in Dental extraction of teeth. Note on complication = 9m
2. Write short notes on: 4 x 4 = 16m; a) General Anaesthesia vs. Local Anaesthesia
b) Posterior superior alveolar nerve block Anaesthesia c) Analgesics for oro-facial pain d) Dry socket
3. Write briefly on: 5 x 2 = 10marks; a) Syncope b) Prophylactic antibiotic therapy
c) Masticatory space infection d) Suturing e) Biopsy

Part-B

4. Write the clinical feature and treatment of Le Fort III fractures of Midface = 9m
5. Write short notes on: 4 x 4 = 16m; a) Gunning splint b) Trigeminal Neuralgia c) Subluxation d) Sialadenitis
6. Write briefly on: 5 x 2 = 10marks; a) Mucocele b) Staging of tumour c) Odontogenic Keratocyst
d) Cleft lip and palate protocol e) Inter positional arthroplasty

MAR/APR.2005

Part-A

1. Discuss about pharmacology, composition and indication for use of local anaesthetic agent. Write a note on complications of inferior alveolar nerve block anaesthesia = 9marks
2. Write short notes on: 4 x 4 = 16marks; a) Pre-medication b) Open method extraction of tooth
c) Post extraction Haemorrhage management d) Elevators
3. Write briefly on: 5 x 2 = 10marks; a) Anaphylaxis b) Sterilization c) Cavernous Sinus Thrombosis
d) Classification of impacted 3rd molar tooth e) Apicoectomy

Part-B

4. Write the golden hour of trauma importance and note on protocol to be followed in Road traffic accident victim management and on Life support system = 9marks
5. Write short notes on: 4 x 4 = 16marks; a) Condylar fracture of Mandible
b) Nerve injuries following trauma in facial region c) Ankylosis treatment protocol
d) Mixed tumour of Parotid gland
6. Write briefly on: 5 x 2 = 10m; a) Periapical cyst b) Oro antral fistula c) Functional neck dissection
d) Bell's palsy e) Treatment for Mandibular prognathism

OCTOBER, 2004.

Part-A

1. Enumerate in detail the course of Mandibular branch of Trigeminal Nerve and explain the technique of classical pterygomandibular nerve block =9marks;
2. Write short notes on: 4 x 4 =16marks; a) Composition of local Anaesthetic solution
b) Management of post extraction haemorrhage c) Presurgical Antibiotic prophylaxis
d) Autologous Blood Transfusion
3. Write briefly on: 5 x 2 =10marks; a) Classification of Osteomyelitis of Jaw bones
b) Medical Management of Trigeminal Neuralgia c) Moist heat Sterilization d) Diazepam
e) Mandibular Ridge-Augmentation

Part-B

4. Classify features of zygomatico complex and write about the clinical features and management of fracture of zygomatic arch =9marks
5. Write short notes on: 4 x 4 =16marks; a) Pre-auricular approach to temporomandibular joint
b) Transalveolar Extraction c) Marsupialization d) Ludwig's Angina
6. Write briefly on: 5 x 2 =10marks; a) Suture Materials b) Principle of Elevators c) Eyelet wiring
d) Classification of Mandibular Condylar Fractures e) Hyperbaric Oxygen

APRIL, 2003 (N.R.)

Part-A

1. Explain the terms 'favourable' and 'unfavourable' fractures for the mandible. Describe the management of an unfavourable fracture involving (L) angle mandible. =9marks
2. Write short notes: 16- a) Autoclaving b) Mucocele of the pulp c) Syncope d) Chronic maxillary sinusitis
3. Give brief answers to the following questions (2marks each)
a) Causative organisms in Ludwig's angina b) Materials used for interpositional osteoarthroplasty
c) List of non-resorbable suture materials. d) Complications of hyperbaric oxygen therapy
e) List of various preauricular incisions.

Part-B

4. Classify TMJ disorders. Discuss the clinical features and treatment of TMJ pain dysfunction syndrome =9m
5. Write short notes: (4m.each) a) Dentigerous cyst b) Clark's vestibuloplasty c) Biopsy d) Cephalometry
6. Give brief answers to the following questions (2marks each)
a) Composition of salivary calculus. b) List of instruments used for extraction of lower impacted third molar
c) Composition of local anaesthetic solution d) Pterygomandibular space boundaries.
e) Name the principles of elevation of teeth.

MARCH/APRIL, 2003. (OLD REGULATIONS)

Part-A

1. Explain the terms 'favourable' & 'unfavourable' fractures for the mandible. Describe the management of an unfavourable fractures involving (L) angle mandible. =10marks
2. Write short notes on: 6 x 5 =30m a) Autoclaving b) Mucocele of the lip c) Syncope
d) Chronic maxillary sinusitis e) Hyperbaric oxygen therapy f) Ludwig's angina

Part-B

3. Classify TMJ disorders. Discuss the clinical features and treatment of TMJ pain dysfunction syndrome =10
4. Write short notes on: 6 x 5 =30m a) Dentigerous cyst b) Clark's vestibuloplasty
c) Biopsy d) Cephalometry e) Pterygomandibular space boundaries f) Principles of elevation of teeth

OCTOBER, 2002 (New Regulations)

Part-A

1. What is Impaction? Write the theory, classification of impacted mandibular 3rd molar tooth. Add a note on various techniques of surgical extraction =9marks
2. Write short answers on: 4 x 4 =16m a) Lignocaine hydrochloride b) Sterilization
c) Analgesic in O.M.F.surgery d) Suture material and suturing techniques
3. Write briefly on: 5 x 2 =10marks; a) Idiosyncrasy b) Vasoconstrictor
c) Prophylactic antibiotic regime for cardiac compromised patients d) Dry socket e) Incision & Drainage

Part-B

4. Write aetiology, clinical features, diagnosis and treatment of odontogenic keratocyst of the mandible affecting a young adult of 20 years =9marks
5. Write short answers on: 4 x 4 =16m a) Biopsy b) Rigid internal fixation c) Cephalometric analysis d) Radiotherapy
6. Write briefly on: 5 x 2 =10marks; a) Hyperbaric oxygen b) Treatment options for sub condylar fracture
c) Malunion d) Reimplantation e) Frenectomy

OCTOBER, 2002 (Old Regulations) - Time:3hours - Max.Marks: 80

Part-A

1. Write about Pharmacology of Local Anaesthetic Agents used in Oral Surgery and how to minimise complications=10marks
2. Write short notes on: 6 x 5 =a) Elavators b) Analgesics c) Sterilization d) Ludwigs Angina e) Odontogenic Myxoma

Part-B

3. Classify the fractures related to Mandible. Give the detailed treatment for unfavourable fracture of the Angle
3. Write short notes on: 6x5=30marks
- | | | |
|------------------------|---|-----------------------------------|
| a) Carcinoma of Tongue | b) Ankylosis of Temporomandibular joint | c) Model surgery for orthognathic |
| d) Vestibuloplasty | e) Bells palsy | f) Oroantral Fistula |

FINAL B.D.S. - APRIL, 2001.

Part-A

1. Describe the lines of Leforte I and II fractures. Describe the clinical features and treatment of Leforte I features =10marks
2. Short Notes: a) Anaphylaxis b) Properties of an ideal local anesthetic drug
c) Complications of extractions d) Pre-anaesthetic preparation of a patient e) Sialoadenitis
f) Cryosurgery-Principles & Indications in oral lesions =6x5=30marks

Part-B

3. Classify cysts. Describe the etiology, clinical features and treatment of a periapical cyst of the maxillary incisors =10marks
4. Short notes: a) Broad spectrum penicillin's b) Hyperbaric oxygen therapy
c) Interposition osteoarthroplasty
d) Nasal antrostomy-indications and techniques e) Treatment of Ludwig's angina f) Frenectomy=6x5

11th OCTOBER, 2000.

Part-A

1. Describe the clinical and radiological features of chronic osteomyelitis of the mandible in an adult. Also briefly discuss the various treatment modalities =10marks
2. Short Notes:
a) Biopsy-indications and techniques
b) Marsupialization
c) Principles of elevation of teeth
d) Caldwell Luc surgery-indications and technique
e) Leforte I osteotomy-indications and technique
f) Role of vasoconstrictor in local anaesthesia =6x5=30marks

Part-B

3. Describe the land marks & techniques for the pterygemandibular block. Also discuss the complications of this block 10
4. Short Notes: a) Autoclaving b) Ibuprofen in oral surgery c) Mucocele in the lip d) Syncope
e) Post-operative care of general anesthesia patient f) Obwegeser vestibuloplasty for the mandible-6x5

APRIL, 2000.

Part-A

1. What are the causes of Oro-antral communication. Describe any one method of surgical closure =10m
2. Short Notes: a) Winter's classification of impacted lower third molar b) Globulo maxillary cyst
c) Pterygo mandibular space infection d) Subluxation of T.M.J. e) Trans-alveolar extraction
f) Complications of inferior alveolar nerve block =6x5=30marks

Part-B

3. Classify fractures of condyle. How would you treat a case of low sub-mandibular fracture =10marks
4. Short Notes: a) Clark's technique for localization of impacted maxillary
b) Sub-mandibular space infection c) Traumatic bone cyst d) Trigeminal Neuralgia
e) Dclofenac sodium f) Penicillin's =6x5=30marks

6th OCTOBER, 1999.

Part-A

1. Write in detail the clinical features and management of paroxysmal trigeminal neuralgia =10marks
2. Short Notes: a) Pericoritis b) Dentigerous cyst c) Dislocation of T.M.J. d) Miniplate osteosynthesis
e) Cephalosporins f) Adenomatoid Odontogenic tumour =6x5=30marks

Part-B

1. Describe classification & clinical features of fracture Zygomatic bone complex. Give the indications for surgical treatment=10marks
2. Short Notes: a) Maxillary canine impaction b) Radicular cyst c) Trans-osseous wiring
d) Pindborg tumor e) Sub-masseteric space infection f) Pain dysfunction syndrome of the T.M.J.=6X5

8th APRIL, 1999.

Part-A

1. Classify fractures of the mandible. How would you treat a case of fracture mandible in the angle region?-10
2. Short Notes: a) Dry socket b) Radiological assessment of lower third molar c) Pterygomandibular space
d) Subluxation of T.M.J. e) Nasolabial cyst f) Sialolith =6x5=30marks

Part-B

1. Enumerate the causes of inability to open the mouth. How would you treat a case of bone ankylosis=10m
2. Short Notes: a)Ameloblastoma b)Residual cyst c)Ludwig's Angina d)Exolevers e)Syncope
f) Trans alveolar extraction=6x5=30marks

7th OCTOBER, 1998.

Part-A

1. Describe the management of fracture of the angle the mandible, distal to the IIIrd molar tooth=10
2. Short Notes: a) Syncope b) Ludwig's Angina c) Garre's osteomyelitis d) Marsupialisation
e) Dental alevators f) Condylar fractures in children =6x5=30marks

Part-B

3. Classify the impaction of mandibular III molar tooth. How will you manage a mesio-blique impaction =10
4. Short Notes: a) Odontomes b) Cryo-Surgery c) Zygomatic fractures d) Apicoectomy
e) Pathological fractures f) Torus palatinus =6x5=30marks

9th APRIL, 1998.

Part-A

1. Describe a technique of inferior dental nerve block anaesthesia. Enumerate the complications of the technique
2. Short Notes: a) Osteo-radioneurosis b) Submassecteric space infection
c) Acute dislocation of the TM joint. d) Primordial cyst e)Hemophilia f)Premedication=6x5

Part-B

1. Enumerate the etiological factors of ero-antral fistula. Add a brief note on its management. =10m
2. Short notes: a) Keratocyst b) Trigeminal neuralgia
c)Fracture of the body of the mandible in children d)Diplopia e)Vestibuloplasty f)Biopsy =6x5

8th OCTOBER, 1997.

Part-A

1. Describe the etiology, clinical features and the management of chronic osteomyelitis of the mandible=10m
- 2 Short Notes: a) Prognathium b) Submucous fibrosis c) Fracture of the body of the odontulour
mandible
d) Removal of a fractures root from the maxillary sinus e) Le Forte I fracture =5x5=25marks

Part-B

1. Describe the etiology, clinical features and management of ankylosis of T.M.Joint =10marks
2. Short Notes: a) Ranula b) Leukoplakia c) Cleft lip d) Subluxation of T.M.Joint
e) Adeno-ameloblastoma f) Submandibular salivary calculi =6x5=30marks

APRIL, 1997.

Part-A

1. What are the possible complications of an impacted lower third molar. Mention briefly how would you assess an impacted lower third molar =10marks
2. Short Notes: a) Dental elevators b) Pterygomandibular space c) Mucoperiosteal flaps
d) Premedication e) Complications of I.D.Nerve Block =5x5=25marks

Part-B

3. Define ankylosis of T.M.Joint. Mention the etiology, clinical features and management of unilateral ankylosis in a 10 year old patient =10marks
4. Short Notes: a) C.S.F.Rhinorrhoea b) Alveoloplasty c) Osteo-radionecrosis d) Sialolith
e) Aspirin f) Nerve Injuries =6x5=30marks

QP.CODE: 425/413

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – APRIL 2025
FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION
ORAL MEDICINE , DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

-
- 1) Classify vesiculo-bullous lesions, write on etiology, clinical features, differential diagnosis and management of aphthous ulcers **3+1+2+1+2=9**

- 2) Describe principles of Panoramic Radiography, Enumerate its indications and limitations **5+2+2=9**

WRITE SHORT NOTES ON :

8x4=32

- 3) Internal resorption
- 4) IOPA Techniques
- 5) Submentovertex view
- 6) Cheiloscopy
- 7) Tic douloureux
- 8) Gingival enlargement
- 9) Dental management of diabetic patient
- 10) Automatic processing

WROTE BRIEFLY ON :

10X2=20

- 11) Radiographic features of dental caries
- 12) Periapical granuloma
- 13) Radiographic features of Pagets disease
- 14) Enumerate oral manifestations of AIDS
- 15) Plummer Vinson syndrome
- 16) SLOB Technique
- 17) Referred pain
- 18) Post herpetic neuralgia
- 19) Grid
- 20) Stomatitis Nicotina Palatini

QP.CODE: 425/413

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – OCTOBER 2024

FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION

ORAL MEDICINE , DIAGNOSIS & RADIOLOGY

INCLUDING FORENSIC ODONTOLOGY

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

1) Define vesicle and discuss the etiology, clinical features and management of oral pemphigus. **1+2+3+3=9**

2) Explain in detail the errors encountered in radiographic techniques before and during exposure and add a note on film handling errors leading to faulty radiographs. **3+3+3=9**

WRITE SHORT NOTES ON :

8x4=32

- 3) Allergic stomatitis
- 4) Radiovisiography
- 5) Clinical presentations of oral cancer.
- 6) Sialography
- 7) Oral manifestations of iron deficiency anemia
- 8) Object localization
- 9) Differential diagnosis of fibro-osseous lesions.
- 10) Film dentistry.

WROTE BRIEFLY ON :

10X2=20

- 11) Rugoscopy
- 12) Define ulcer
- 13) Topical antiseptics
- 14) Herpetic whitlow
- 15) Epulis fissuratum
- 16) Disadvantages of bisecting angle technique
- 17) Types of intra oral radiography
- 18) Most radiosensitive cells
- 19) Components of the cathode in an x-ray tube
- 20) Radiation caries.

Q.P.CODE:425/413

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION - APRIL, 2023

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY INCLUDING
FORENSIC ODONTOLOGY**

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

1) Define cyst. Classify cysts of the jaw. Write in detail about Non-odontogenic cysts **2+2+5=9**

2) Define radiation biology. Write about direct and indirect effect of radiation on cells. Add a note on radiosensitivity of cells **2+4+3=9**

WRITE SHORT NOTES ON:

8x4=32

- 3) Oral manifestations of growth hormone disorder
- 4) Pemphigus vulgaris
- 5) hemophilia
- 6) Paralleling angle techniques
- 7) Sialolithiasis
- 8) Cone beam computed tomography
- 9) Radiographic features of amelogenesis imperfecta
- 10) Determination of age and sex

WRITE BRIEFLY ON:

10x2=20

- 11) Cervical burn out
- 12) Dens in Dente
- 13) Management of oral candidiasis
- 14) Differential diagnosis of periapical radiolucency
- 15) Erythema multiforme
- 16) Occlusal radiograph
- 17) Light Radiograph
- 18) Indications and contraindications of ultrasound in head and neck pathologies
- 19) Stomatitis Nicotina palatinus
- 20) Dislocation and subluxation of temporomandibular joint.

Q.P.CODE:425/413

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION - MAY, 2022

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY INCLUDING
FORENSIC ODONTOLOGY**

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

- 1) Classify white lesions. Why do white lesions appear white? Write in detail about Lichen planus

3+1+5=9

- 2) What are X-rays, what are the factors affecting the X-ray beam. Write about interactions of X-ray with matter

2+3+4=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Angular cheilitis
- 4) Processing errors
- 5) Odontogenic Keratocyst
- 6) sialography
- 7) cervical lymphadenopathy
- 8) Oral manifestations of syphilis
- 9) Radiographic interpretation of dental caries
- 10) Cherubism

WRITE BRIEFLY ON:

10x2=20

- 11) Radiographic appearance of osteosarcoma and Ewing's sarcoma
- 12) Differential diagnosis of radio opaque lesions of the jaw
- 13) Management of pemphigoid
- 14) Hutchinson's triad
- 15) Intensifying screens
- 16) Bite marks
- 17) PNS view
- 18) Xeroradiography
- 19) Nikolsky's sign
- 20) Indications and contraindications of magnetic resonance imaging.

Q.P.CODE:425/413

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – NOVEMBER/DECEMBER, 2022

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY INCLUDING
FORENSIC ODONTOLOGY**

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

- 1) Define ulcer. Classify ulcers of the oral cavity. Write in detail about recurrent aphthous ulcer. **2+2+3+2=9**

- 2) Describe the components of X-ray tube head with illustration and write in detail about the production of X-rays. **3+2+4=9**

WRITE SHORT NOTES ON:

8x4=32

- 3) Biopsy
- 4) Trigeminal Neuralgia
- 5) Ameloblastoma
- 6) Composition of Developer & Fixer
- 7) Submentovertex view
- 8) Osteogenesis imperfecta
- 9) Acute Radiation syndrome
- 10) Investigations of Anaemia

WRITE BRIEFLY ON:

10x2=20

- 11) sialogogues
- 12) potentially malignant disorders
- 13) lip prints
- 14) types of Intra – oral films
- 15) bisecting angle technique
- 16) intrinsic stains of the teeth
- 17) pathergy test
- 18) radiation protection to the operator
- 19) SLOB rule
- 20) Bell's palsy

Q.P.CODE:425/413

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION - NOVEMBER, 2021

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY INCLUDING
FORENSIC ODONTOLOGY**

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

- 1) Define pain. Discuss in detail about the etiology, clinical features and treatment
trigeminal neuralgia. **2+2+3+2=9**

- 2) Discuss in detail about imaging of temporomandibular joint **9M**

WRITE SHORT NOTES ON:

8x4=32

- 3) Dental considerations for cardiac patient
- 4) Radiographic features of dentigerous cyst
- 5) Investigations and treatment of oral submucous fibrosis
- 6) Automatic film processing
- 7) Indications and ghost images in an orthopantomograph
- 8) Effects of radiation on salivary glands
- 9) Oral manifestations of HIV infection
- 10) Clinical features and treatment of acute pseudo membranous candidiasis

WRITE BRIEFLY ON:

10x2=20

- 11) Role of dentist in mass disasters
- 12) Scattered radiation
- 13) Plummer Vinson syndrome
- 14) Treatment of recurrent aphthous ulcers
- 15) Composition of X-ray film
- 16) Differential diagnosis for periapical radiolucencies
- 17) Types of grids
- 18) Indication of occlusal radiography
- 19) Wound Certificate
- 20) Antiviral drugs

Q.P.CODE:425/413

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION - FEBRUARY, 2021

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY**

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

- 1) Define premalignant diseases of the oral cavity. Discuss in detail about the etiology, clinical features and treatment of speckled leukoplakia 2+2+3+2=9
- 2) What are X-rays? Describe the production of X-rays along with the description and function of the each component of the X-ray tube. 1+4+4=9
- WRITE SHORT NOTES ON:** 8x4=32
- 3) Investigations for bleeding dental patient
- 4) Radiographic features of Osteomyelitis
- 5) Investigations and treatment of Burning mouth syndrome
- 6) Advantages and disadvantages of Digital Radiography
- 7) Sialography
- 8) Effects of radiation on teeth
- 9) Oral manifestations of Diabetes Mellitus
- 10) Clinical features and treatment of Erythema multiforme
- WRITE BRIEFLY ON:** 10x2=20
- 11) Bite mark analysis
- 12) Principles of projection geometry
- 13) Draw backs of computed tomography
- 14) Difference between periapical and periodontal abscess
- 15) Taurodontism
- 16) Multilocular Radiolucencies
- 17) Types of filtration
- 18) Indications of paranasal sinus view
- 19) Complications Herpes Zoster infection
- 20) Any two examples for endogenous pigmentations

Q.P.CODE:425/413

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION - SEPTEMBER, 2020

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY**

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

- 1) Define pain, classify orofacial pain and mention etiology, clinical features and management of trigeminal neuralgia 2+3+4=9
- 2) Mention various types of methods for radiation protection of patient and operator 4+5=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Types of radiation
4) Composition of developing solution
5) Treatment of Herpes zoster infection
6) Median rhomboid glossitis
7) Radiographic features of dentigerous cyst
8) Clinical features and management of Aphthous ulcer
9) Occlusal radiographs
10) Oral manifestations of uncontrolled diabetes mellitus

WRITE BRIEFLY ON:

10x2=20

- 11) Radiation Caries
12) Indications of ultrasonography
13) Management of OSMF
14) Management of Leukoplakia
15) Causes of Ptyalism
16) Collimation
17) Radiographic features of sickle cell anemia
18) Management of Ludwig's Angina
19) Lip Prints
20) Acute Pseudomembranous candidiasis

Q.P.CODE:425/413

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION - JANUARY, 2020

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY INCLUDING
FORENSIC ODONTOLOGY**

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

1) Classify Vesiculobullous and ulcerative lesions of oral cavity. Discuss in detail primary Herpes Simplex Infection 5+4=9

2) Mention the changes in cell, tissue and organ due to radiation 3+3+3=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Indications of Orthopantomograph
- 4) Intensifying screen
- 5) Treatment of Erosive Lichen Planus
- 6) Ramsay hunt syndrome
- 7) Etiology and clinical features of Pyogenic Granuloma
- 8) Geographic Tongue
- 9) Protection from Radiation
- 10) Topical Corticosteroids

WRITE BRIEFLY ON : 10x2=20

- 11) Name four types of red lesions
 - 12) Indications of magnetic resonance imaging
 - 13) Four uses of bitewing Radiography
 - 14) SLOB formula
 - 15) Causes of Xerostomia
 - 16) Types of Grids
 - 17) Radiographic features of Ameloblastoma
 - 18) Management of Pericoronitis
 - 19) Wound Certificate
 - 20) Smokers palate
-

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION - JULY, 2019
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY**

Time : 3 Hours Max. Marks: 70

Note : Answer all questions.

- 1) Enumerate immune mediated oral disorders. Write clinical features, investigations, differential diagnosis and management of Pemphigus Vulgaris. 3+2+1+1+2=9
- 2) Write composition of X-ray film. Add a note on formation of latent image. 5+4=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Factors controlling X-ray beam
- 4) Radiolysis of water
- 5) Radiographic anatomy of posterior maxilla
- 6) Applications of ultrasound in dentistry
- 7) Differences between Periapical abscess, Granuloma and Cyst
- 8) Oral manifestations of Leukaemia
- 9) Patch test
- 10) Peutz Jeghers syndrome

WRITE BRIEFLY ON:

10x2=20

- 11) Enumerate causes of Burning mouth syndrome
- 12) Biopsy
- 13) Differential diagnosis of oral submucous fibrosis
- 14) Sialolith
- 15) TNM classification
- 16) Water's view
- 17) TLD (Thermoluminescent Dosimeter)
- 18) Collimation
- 19) IOPA techniques
- 20) Radiographic features of Paget's disease

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION - JANUARY, 2019
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY**

**Time : 3 Hours
Max. Marks: 70**

Note : Answer all questions.

- 1) Classify vesiculo bullous lesions of the oral cavity. Discuss in detail about the etiology, clinical features and treatment of erythema multiforme. 3+2+2+2=9

- 2) Discuss the factors affecting the quality of radiograph 9

WRITE SHORT NOTES ON:

8x4=32

- 3) Oral manifestations of chronic renal failure
- 4) Clinical types and treatment of oral lichen planus
- 5) Age estimation methods by dental radiographs
- 6) Technique and indications of Paranasal sinus view
- 7) Sialadenitis
- 8) Treatment of Acute necrotizing ulcerative gingivitis
- 9) Indications and technique of panoramic radiography
- 10) Causes and treatment of MPDS

WRITE BRIEFLY ON:

10x2=20

- 11) Name the object localization techniques
- 12) Taurodontism
- 13) Antiviral drugs
- 14) HIV associated oral lesions
- 15) Uses of grids
- 16) Radiographic investigations for condylar fractures
- 17) Uses of computed tomography
- 18) Name functional imaging techniques
- 19) Soft tissue calcifications in the neck region
- 20) Differential diagnosis for periapical radiopacities

Q.P.CODE:425/413

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION - JULY, 2018

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY**

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

- 21) Classify red and white lesions of oral cavity. Describe the aetiology, clinical features and treatment of Candidiasis. 4+1+2+2=9

- 22) Discuss radiation effects on oral tissues. 9

WRITE SHORT NOTES ON: 8x4=32

- 23) Production of X-rays
- 24) Radiation caries
- 25) Radiographic features of Paget's disease
- 26) Radiographic anatomy of anterior maxilla
- 27) Difference between Herpes Simplex and Herpangina
- 28) Trigeminal neuralgia
- 29) Dental management of myocardial infarction patient
- 30) Oral manifestations of Diabetes Mellitus

WRITE BRIEFLY ON: 10x2=20

- 31) Visual Analog Scale
- 32) Drugs causing gingival enlargement
- 33) Nikolskys's sign
- 34) Café-au-lait pigmentation
- 35) Albright's Syndrome
- 36) Focal trough
- 37) Wound certificate
- 38) Functions of maxillary sinus
- 39) ALARA
- 40) Enumerate specialized views of TMJ

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY**

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

- 1) Classify white lesions and write the etiology, clinical features and treatment of Lichen Planus. 3+2+2+2=9

- 2) Draw a neat diagram of X-ray machine. Write the methods of X-ray production. 3+6=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Indications of occlusal radiography
- 4) Composition of intraoral film
- 5) Treatment of Erythema Multiforme
- 6) Clinical features of pemphigus vulgaris
- 7) Gardner's Syndrome
- 8) Anodontia
- 9) Herpes Zoster
- 10) Topical Analgesics

WRITE BRIEFLY ON:

10x2=20

- 11) Name four types of Film Holders
- 12) Mention four types of oral candidiasis
- 13) Four uses of Bitewing Radiography
- 14) Four names of antibiotics with dosage
- 15) Sensors in digital radiography
- 16) Bite Mark Analysis
- 17) Four manifestations of Acquired Immunodeficiency Syndrome
- 18) Radiographic features of chronic osteomyelitis
- 19) Amalgam Tattoo
- 20) Smokers Melanosis

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION - JULY/AUGUST, 2017

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

**ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY**

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

- 1) Enumerate Vesiculo-bullous disorders of oral cavity. 3+2+1+1+2=9
Write clinical features, investigations, differential diagnosis and management of Herpetic gingivo stomatitis

- 2) Describe principles of Panoramic radiography. 4+3+2=9
Enumerate its indications and limitations.

WRITE SHORT NOTES ON:

8x4=32

- 3) Radiation protection of the Operator
- 4) Grids
- 5) Filtration
- 6) Normal radiographic anatomy of teeth and supporting structures
- 7) Stevens Johnson Syndrome
- 8) Geographic tongue
- 9) Plummer Vinson Syndrome
- 10) Dental management of Hemophilia B

WRITE BRIEFLY ON:

10x2=20

- 11) Radiographic features of Osteosarcoma
- 12) Biopsy
- 13) Laskins criteria for MPDS
- 14) Oncovirus
- 15) Clindamycin
- 16) Brachytherapy
- 17) Duplicate radiographs
- 18) Coherent scattering
- 19) Radiographic features of Cherubism
- 20) Focal spot

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION - JANUARY, 2017

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

- 1) Classify Oro facial pain. Discuss in detail the aetiology, clinical features, differential diagnosis and management of Trigeminal neuralgia. 2+1+2+2+2=9
- 2) What are potentially malignant disorders of the oral cavity? Discuss etiology, clinical features and management of any one in detail. 4+1+2+2=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Osteosarcoma
- 4) MRI
- 5) Pemphigus
- 6) Sialography
- 7) Diabetes
- 8) Bitewing radiography
- 9) Film processing
- 10) Periapical cyst

WRITE BRIEFLY ON:

10x2=20

- 11) Gemination and fusion
- 12) Gorlin Goltz Syndrome
- 13) Interaction of X-rays with matter
- 14) Lip prints
- 15) Xerostomia
- 16) Antifungals
- 17) Dosimetry
- 18) Mixed radiolucent and radiopaque lesions of jaws
- 19) Intensifying screens
- 20) Antibiotics in Dentistry

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION - JULY/AUGUST, 2016

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

ORAL MEDICINE, DIAGNOSIS & RADIOLOGY**INCLUDING FORENSIC ODONTOLOGY****Time : 3 Hours****Max. Marks: 70**

Note : Answer all questions.

- 1) What are the various intraoral radiographic techniques? Discuss indications, advantages, disadvantages and technique of any one in detail. 4+1+1+1+2=9

- 2) Define pain and write in detail about trigeminal Neuralgia including treatment plan. 2+4+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Candidal leukoplakia
- 4) Radiographic artifacts
- 5) Occlusal radiography
- 6) Herpetic infections
- 7) TMJ radiography
- 8) Macule
- 9) Corticosteroids
- 10) Immuno Fluorescent test

WRITE BRIEFLY ON:

10x2=20

- 11) Median Rhomboid glossitis
- 12) Fluorosis
- 13) Sarcoidosis
- 14) Ectodermal dysplasia
- 15) Atypical facial pain
- 16) Unilocular radiolucency of the jaws
- 17) Osteoradionecrosis
- 18) Radiation protection for patient
- 19) Density, Contrast, Latitude of film
- 20) Bite marks

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA :: AP
BDS DEGREE EXAMINATION - JANUARY, 2016
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

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- 1) Classify oral ulcers. Discuss in detail etiology, clinical features and management of aphthous ulcers. 3+2+2+2=9

- 2) Discuss in detail the hazards of radiation 9

WRITE SHORT NOTES ON: 8x4=32

- 3) Gingival enlargements
- 4) Dental considerations for Hemophilia
- 5) Supernumerary teeth
- 6) Automatic Film Processing
- 7) Fibroma
- 8) Leukoplakia
- 9) Antibiotics in Oral Medicine
- 10) Cone Beam CT

WRITE BRIEFLY ON: 10x2=20

- 11) Auspitz sign
- 12) Pemphigus Vulgaris
- 13) Periapical radio lucencies of jaw
- 14) Osteomyelitis
- 15) Lamina Dura
- 16) Magnetic Resonance Imaging (MRI)
- 17) Ameloblastoma
- 18) Peutz - Jeghers Syndrome
- 19) Von-Willebrand disease and its dental considerations
- 20) Radiotherapy

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
 BDS DEGREE EXAMINATION - JULY / AUGUST, 2015
 FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY

Time : 3 Hours
Max. Marks: 70

Note : Answer all questions.

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- | | | |
|----|---|-----------|
| 1) | Classify orofacial pain. Discuss in detail etiology, clinical features of medical management of Trigeminal Neuralgia. | 3+2+2+2=9 |
|----|---|-----------|

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|----|---|---|
| 2) | Discuss in detail the production of x-rays. | 9 |
|----|---|---|

<u>WRITE SHORT NOTES ON:</u>	8x4=32
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|-----|---|--|
| 3) | Normal Radiographic Anatomy of Maxilla | |
| 4) | Ideal Radiograph | |
| 5) | Paranasal sinus Radiograph and its uses | |
| 6) | Desquamative Gingivitis | |
| 7) | Oral precancerous conditions | |
| 8) | Dental considerations for a cardiac patient | |
| 9) | Albrights syndrome | |
| 10) | Paget's disease | |

<u>WRITE BRIEFLY ON:</u>	10x2=20
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- | | | |
|-----|--|--|
| 11) | Plummer Vinson Syndrome | |
| 12) | Intrinsic discoloration of teeth | |
| 13) | Occlusal Radiograph | |
| 14) | Bite marks | |
| 15) | Sialolithiasis | |
| 16) | Pernicious anemia and dental consideration | |
| 17) | Indications for submentovertex view | |
| 18) | Antifungal drugs and uses | |
| 19) | Oral manifestations of HIV AIDS | |
| 20) | Tyre track effect | |

BDS DEGREE EXAMINATION - JANUARY, 2015
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

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- 1) Classify white lesions of the oral mucosa. Discuss in detail etiology, clinical features and management of Oral Lichen Planus. 3+2+2+2=9

- 2) Discuss techniques of intra oral periapical radiographs and advantages and disadvantages. 5+2+2=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Nikolsky's sign
- 4) Dental Fluorosis
- 5) Ectodermal dysplasia
- 6) ANUG
- 7) Properties of X-rays
- 8) Oral submucous fibrosis
- 9) Advantages and disadvantages of Orthopantomograph
- 10) Intensifying screens and grids

10x2=20

WRITE BRIEFLY ON:

- 11) Multilocular Radiolucencies of Jaws
- 12) Composition of developer and fixer
- 13) Analgesics for pulpal pain
- 14) Collimators and their importance
- 15) Oral candidiasis
- 16) Lip prints
- 17) Papilloma
- 18) Taurodontism
- 19) Osteosarcoma
- 20) Digital Imaging

BDS DEGREE EXAMINATION - JULY, 2014
 FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

1) Techniques of Intra-oral periapical radiographs and advantages and disadvantages. 5+2+2=9

2) What is myofascial pain dysfunction syndrome? Describe etiology, clinical, radiographic features and management of same 2+2+1+1+3=9

WRITE SHORT NOTES ON:

8x4=32

3) Lymphoma

4) HIV and AIDS

5) X-ray tube

6) Sjogren's syndrome

7) Sialography

8) Hemophilia

9) Waters view

10) Occlusal radiography

10x2=20

WRITE BRIEFLY ON:

11) Ideal radiograph

12) Halitosis

13) Inverted Y line of Ennis

14) Latent image

15) Bulla

16) Cementoma

17) Bite mark analysis

18) Roentgen

19) SLOB (Object localization)

20) Trigeminal Neuralgia

BDS DEGREE EXAMINATION - JANUARY, 2014
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

1)	Causes for faulty radiographs and their rectifications	5+4=9
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2)	Classify the red and white lesions of the oral cavity. Write etiology, clinical features and treatment plan for OSMF.	4+1+2+2=9
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<u>WRITE SHORT NOTES ON:</u>	8x4=32
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3)	Collimation
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4)	Composition of developer and fixer with their actions
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5)	Ultrasonography in dentistry.
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6)	Treatment for cancer
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7)	Treatment for lichen planus
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8)	Burning mouth syndrome
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9)	Define anemia and write oral manifestations of iron deficiency anemia
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10)	Grids	
	<u>WRITE BRIEFLY ON:</u>	10x2=20

11)	Film holders
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12)	Indications of bitewing radiographs
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13)	Name processing methods and stages of processing
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14)	Principles of bisecting angle technique with diagram
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15)	Advantages of digital radiography
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16)	Pericoronitis
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17)	Oral manifestations of leukemia
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18)	Lichenoid reactions
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19)	Management of xerostomia
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20)	Causes for pigmentation
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BDS DEGREE EXAMINATION JANUARY/FEBRUARY, 2013
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

1)	Enumerate oral precancerous lesions and discuss elaborately about the differential diagnosis of oral leukoplakia.	4+5=9
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2)	Discuss the hazards of Radiation to oral and paraoral structures.	9
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<u>WRITE SHORT NOTES ON:</u>	8x4=32
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- 3) Nikolsky's Sign
- 4) Stomatitis medicamentosa
- 5) Gardener's Syndrome
- 6) Oral manifestations of AIDS
- 7) Tube voltage and Tube current
- 8) Dental x-ray Film
- 9) Sialography
- 10) Occlusal Radiography

<u>WRITE BRIEFLY ON:</u>	10x2=20
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- 11) Koplik spots
- 12) Iron deficiency Anemia
- 13) Traumatic keratosis
- 14) Exfoliative cytology
- 15) Significance of past medical history
- 16) Laminadura
- 17) Bite Marks
- 18) Radiation protection for the operator
- 19) Inverse square law
- 20) Antemortem Radiographs

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BDS DEGREE EXAMINATION AUGUST, 2013
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
ORAL MEDICINE, DIAGNOSIS & RADIOLOGY
INCLUDING FORENSIC ODONTOLOGY

Time : 3 Hours

Max. Marks: 70

Note : Answer all questions.

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- | | |
|--|---|
| 1. Advantages and limitations of panoramic radiograph. Write principles of image formations with diagrams. | 9 |
| 2. Define the pain and write in detail of trigeminal neuralgia including treatment plan. | 9 |

WRITE SHORT NOTES ON:

8x4=32

3. Waters view
4. Osteoradionecrosis
5. Radiation safety and protection for patients
6. Etiology, types and treatment for aphthous ulcers.
7. Focal sepsis
8. Precautions to be taken during dental treatment of cardiac patients.
9. Schillings test
10. Pleomorphic adenoma

WRITE BRIEFLY ON:

10x2=20

11. Trismus
12. Antiretroviral drugs
13. Causes of sialorrhea
14. Dosimetry
15. Etiology and risk factors for oral cancer.
16. Write local and general predisposing factors for oral candidiasis.
17. Hairy leukoplakia
18. Sialolithiasis
19. Radiographic features of fibrous dysplasia
20. Causes for bleeding in oral cavity.

425/413-BDS DEG. EXAMINATION JANUARY/FEBRUARY, 2013-Fourth (nr) & final bds examination (or & nr) Oral medicine, diagnosis & radiology including forensic odontology-Time : 3 Hours-Max. Marks: 70-Answer all questions.

- 1..Enumerate oral precancerous lesions and discuss elaborately about the differential diagnosis of oral leukoplakia4+5=9m
 - 2..Discuss the hazards of Radiation to oral and paraoral structures=9m
- Write Short Notes On: 8 x 4=32m
- 3..Nikolsky's Sign 4..Stomatitis medicamentosa 5..Gardener's Syndrome
 - 6..Oral manifestations of AIDS 7..Tube voltage and Tube current 8..Dental x-ray Film
 9. Sialography 10.Occlusal Radiography
- Write briefly on: 10 x 2=20m
- 11.Koplik spots 12.Iron deficiency Anemia 13.Traumatic keratosis 14.Exfoliative cytology
 - 15.Significance of past medical history 16.Laminadura 17.Bite Marks
 - 18.Radiation protection for the operator 19.Inverse square law 20.Antemortem Radiographs

425/413-Bds Degree Examination August, 2012-Fourth (nr) & final bds examination (or & nr)
Oral medicine, diagnosis & radiology including forensic odontology-

- 1..Advantages and limitations of bisecting angle technique. Write principle behind the technique with diagram and technique in applications=2+2+2+3=9m
 - 2..Classify the white and red lesions of the oral cavity. Write etiology, clinical types and treatment plan for leukoplakia=3+2+2+2=9m
- Write Short Notes On: 8 x 4=32m=3.Intensifying screens. 4..Erythema Multiforme
- 5..Herpetic gingivo stomatitis. Clinical features & treatment. 6..Oral manifestations of Leukaemia
 - 7..Filters 8..Precautions to be taken during dental treatment of diabetic patients.
 9. Radiation effects on oral tissues. 10.Immuno florescent test

Write Briefly On: 10 x 2=20m

- 11.Kaposi's Sarcoma 12.Mucosal stomatitis. 13.Biopsy. 14.Pyogenic granuloma.
- 15.Pericoronal abscess. 16.Bruxism. 17.Developing solution.
- 18.Routine blood investigations 19.Causes for teeth discolorations 20.Advantages of CT in dentistry

425-FOURTH-BDS (N.R.) DEG. EXAMINATION-MAR, 2012-ORAL MED. & RADIOLOGY

- 1..Classify white lesions of the oral mucosa and describe etiology, clinical features diagnosis and management of oral Lichen Planus=9m
- 2..Write an essay on the production of x-rays, properties of x-rays, intra oral radiographs and their techniques=9m

Write Short Notes On:8 x 4=32m

- 3..Black Hairy Tongue 4..Iron Deficiency Anaemia 5..Oral Mucosal Pigmentations
- 6..Oral Manifestations of Diabetes Mellitus 7..Indications of occlusal Radiographs
8. Causes of Faulty Radiographs in dental radiography 9. Indications for Trans Orbital view
- 10.Sunray appearance

Write Briefly On: 10x 2=20m

- 11.Bence-Jones protein 12.Hyperparathyroidism 13.Café au lait spots
- 14.Pseudo cysts 15.Scope of Forensic Dentistry 16.Wound Certificate
- 17.Xeroradiography 18.Herring Bone pattern 19.Bite marks 20.Fixing solution

413-FINAL BDS (O.R) DEG. EXAM-JAN., 2012-ORAL MED., DIAGNOSIS & RADIOLOGY

- 1..Define vesicle. Write the pathogenesis, clinical features, investigations and management of primary herpetic infection=9m
 2. Discuss in detail various measures at Radiation protection used in Dental Radiography=9m
- Write short notes on:8 x 4=32m

- 3..Management of Oral Submucous Fibrosis 4..T N M staging of oral cancer
 - 5..Xerostomia 6..Myofascial pain dysfunction syndrome 7..Eight important properties of x-rays
 - 8..Draw well labeled diagram of an x-ray tube head 9..Radiovisiography 10,Grid
- Write briefly on:10 x 2=20m

- 11.Treatment of Trigeminal Neuralgia 12.Dental consideration for a patient with a history of gastritis
- 13.Dental fluorosis 14.Mucous patches 15.Chemical Burn 16.Multilocular Radiolucency
- 17.Age determination methods 18.PA view for water's Projection

19. Radiation protection for pregnant women 20. Light Radiograph

425/413-FINAL BDS DEG EXAMINATION – JULY, 2011-ORAL MEDICINE, DIAGNOSIS

1..Define Trismus. Discuss the various causes and differential diagnosis of Trismus=9m

2..Classify Radiographic lesions of the Jaws. Discuss the various radiopacities in normal Jaws=1+2+6=9m

Write Short Notes On: $8 \times 4 = 32$ 3..Greenspan's Syndrome 4.Oral hairy leukoplakia

5.Dental consideration for an ischemic cardiac disease 6..Internal Resorption

7..Rare earth substance 8..Paralleling axis technique 9..Radiation caries 10.Collimation

Write Briefly On: $10 \times 2 = 20$ m

11.Classify oral candidiasis 12. Actinic Cheilitis 13. Chemo preventive agents

14..Hutchinson's Triad 15. Sjogren Syndrome 16. Dark Radiographs

17. Tungsten application in x-ray machine 18.Lip prints 19.SLOB (object localization)

20.Radiographic appearance of dental cyst

413-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2011-ORAL MEDICINE,

1..Classify functional disorders of Salivary glands. Discuss the etiology, clinical features, diagnosis and management of Sjogrens syndrome=2+1+2+1+3=9m

2..What is the composition of Radiographic film? Describe the mechanism of image formation.

Add a note on composition of developing and fixing solution and their functions=1+2+6=9m

Write Short Notes On: $8 \times 4 = 32$ m

3..Oral manifestation of Anemia 4..Trigeminal Neuralgia 5..Oral pre cancerous conditions

6..Pericoronitis 7..GRIDS 8..Radiographic appearance of fibrous dysplasia

9. Dosimetry 10. Automatic film processing

Write Briefly: $10 \times 2 = 20$ m 11.Pathergy test 12.Mucocele 13.ANUG 14.Plummer Vinson Syndrome

15. Bite Marks 16. Lamina Dura 17. Ethics on Dental profession

18. Properties of x-rays 19.Scattered Radiation 20.Wound Certificate

413-FINAL BDS DEG. EXAMINATION –JULY, 2010-ORAL MEDICINE, DIAGNOSIS &

PART-A

1. Classify the ulcers of the oral cavity. Describe the etiology, clinical features and treatment of Recurrent Aphthous Stomatitis (R.A.S)=9m

Write Short Notes On= $4 \times 4 = 16$ m=2. Aspiration Biopsy 3. Cellulitis 4. Hemophilia

6. Dental management of Infective Endocarditis

Write Briefly On:= $5 \times 2 = 10$ m

7. Bence Jones protein 8. Albright's syndrome 9. Schilling test 10. Mumps 11. Ankylosis

PART-B

11. Discuss the differential diagnosis of periapical radiolucencies=9m

Write Short Notes On:= $4 \times 4 = 16$ m=12. Effects of radiation on oral cavity 13. X-ray tube

14. TMJ views 15. Radiation protection of the operator

Write Briefly On:= $5 \times 2 = 10$ m 16. Inverse square law 17. Onion peel appearance

18. Indications of submentovertex view

19. Composition of X ray film 20. Normal anatomical landmarks in maxillary anterior region

413-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2010-ORAL MEDICINE,

PART-A

1. Classify red and white lesions of oral cavity. Describe etiology, clinical features & treatment of candidiasis

Write Short Notes On:= $4 \times 4 = 16$ m=2. Burning mouth syndrome 3. Sialadenitis 3. Rheumatoid arthritis

4. Diabetes Mellitus – Oral manifestations and dental management

Write Briefly On:= $5 \times 2 = 10$ m

5. Oral brush biopsy 6. Nikolsky's sign 7. Neonatal teeth 8. Fissured tongue 9. Hutchinson's triad

PART-B

10. Describe principles of Panoramic radiography. Enumerate its indications and limitations=10m

Write Short Notes On= $4 \times 4 = 16$ m 11. Properties of X-rays 12. Dosimetry 13. Radiotherapy 14.

Digital radiography

Write Briefly On:=15. Lip prints 16. Components of Fixer 17. Tyre track effect 18. Grid

19. Cervical burn out

413-FINAL BDS DEGREE EXAMINATION – AUGUST, 2009-ORAL MEDICINE,

PART-A (35 MARKS)

1. Classify orofacial pain. Write in detail about etiology, clinical features, differential diagnosis and management of trigeminal neuralgia=9m

Write Short Notes On: 4 x 4 =16m

2. Sjogren's syndrome. 3. Investigations of oral cancer.
4. Management of Cardiac Patient in Dental Extraction. 5. Management of oral lichen planus.

Write Briefly On: 5 x 2 =10m

6. Antibiotic sore mouth. 7. Bitemark analysis 8. Target lesions
9. Cyclic neutropenia. 10. Anaphylactic shock

PART-B(35 MARKS)

11. Techniques of Intra oral periapical radiographs and advantages and disadvantages=9m

Write Short Notes On: 4 x 4 =16m

12. Radiographic Interpretation of Dental caries. 13. Processing 14. Sialography
15. Indications of C.T. in Oral and Maxillofacial region.

Write Briefly On: 5 x 2 =10m

16. Film fog. 17. Intensifying screen 18. Radionuclide imaging 19. P.N.S. view
20. Multilocular radiolucencies.

413-FINAL BDS DEGREE EXAMINATION – MARCH, 2009

PART -A

1. Classify vesiculobullous and ulcerative lesions of oral cavity. Discuss in detail primary Herpes simplex infection=9m

Write Short Notes On=4X4=16

2. Toluidine Blue Test 3. Hyperparathyroidism 4. Pernicious anaemia 5. White sponge nevus
Write Briefly On:= 5X2=10

6. Complex composite odontome 7. Fibrotic Gingival enlargement 8. Taurodontism
9. Mucocele 10. T.M. Joint ankylosis

PART – B

11. Write in detail about harmful effects of radiation on body=9m

WRITE SHORT NOTES ON:= 4x4=16

12. Bisecting angle technique 13. Disadvantages of orthopantomograph
14. Radiographic appearance of jaws in fibrous dysplasia 15. Grid

- WRITE BRIEFLY ON:= 5x2=16.** Electromagnetic spectrum 17. Collimation 18. Coin Test 19.
SLOB Formula 20. Radiation caries

413-Final BDS DEGREE EXAMINATION – AUGUST/SEPTEMBER, 2008

PART -A

1. Enumerate predisposing factors of candidiasis. Mention the various types and discuss in detail the treatment plan.= 9m

Write Short Notes On:= 4X4=16. Cooley's Anaemia 3. Erosive Lichen Planus

4. Erythema Multiforme 5. Black Hairy Tongue

Write Briefly On: =5X2=10. Kaposi's sarcoma 7. Aphthous Ulcer 8. Multiple Myeloma 9. Pyogenic Granuloma 10. Turner's Hypoplasia

PART - B

11. Discuss the causes of faulty radiograph. How would you avoid it?=9m

Write Short Notes On=4X4=16

12. Osteoradionecrosis 13. Filtration 14. Developing Solution 15. Bregma – Mentum View
Write Briefly On:= 5X2=10. Dosimetry 17. Anode in X-ray machine 18. Bite Marks

19. Digital Radiography (Radio Visiography) 20. Focal Trough

413-MARCH, 2008-FINAL BDS DEGREE EXAMINATION-ORAL MEDICINE

PART -A

1. Describe clinical features, differential diagnosis and treatment plan of Acute Necrotising ulcerative gingivostomatitis.

Write short notes on: = 4x4=2) Iron deficiency Anaemia 3) Lugol's Iodine Test

- 4) Behcet's Syndrome 5) Leukoplakia

Write brief=5x2=6. Treatment of Trigeminal Neuralgia 7. Myofunctional pain dysfunction syndrome

8. Pseudo cysts 9. Nikolsky's sign 11.Oral manifestations of Leukamia

PART - B

12. Discuss in detail various measures at Radiation Protection used in Dental Radiography.

Write short notes on:=4x4=16

13. Limitations of Radiography 14. Intensifying screen 15. Density and contrast in radiology

16. Radiographic appearance of osteosarcoma

Write briefly on: =5x2=10

17. Radiation caries 18. Scattered Radiation 19. Fixing solution 20. Sialography

21. Technique of Transcranial view of T.M. joint

413-OR-MARCH, 2008-FINAL BDS DEGREE EXAMINATION-ORAL MEDICINE

PART -A

1. Describe clinical features, differential diagnosis and treatment plan of Acute Necrotising ulcerative gingivostomatitis.

Write short notes on: =6x5=30=2. Iron deficiency Anaemia 3. Lugol's Iodine Test

4. Behcet's Syndrome 5. Leukoplakia 6. Treatment of Trigeminal Neuralgia

7. Oral manifestations of Leukamia

PART - B

8. Discuss in detail various measures of Radiation Protection used in Dental Radiography.

Write short notes on: =6x5=30

9. Limitations of Radiography 10.Intensifying screen 11. Density and contrast in radiology

12. Radiographic appearance of osteosarcoma 13.Radiation caries

- 14.Developing and Fixing solution

413-NR-FINAL B.D.S DEGREE EXAMINATION – OCTOBER, 2007

Part-A

1. Enumerate the conditions which cause multiple ulcers in the oral cavity. Discuss in detail the etiology, clinical features, investigations and management of Erythema multiforme=9m

Write short notes on: 4 x 4 =16m; 2. Pagets disease 3. Oral Manifestations of HIV

4. Grinspan syndrome 5. Aphthous Ulcer

Write brief notes on: 5 x 2 =-10m; 6. Paul bunnell test 7. Leukoplakia 8. Trismus

9. Candidiasis 10.Stomatitis Veneneta

Part-B

- 11.What are the indications of panoramic Radiography? Discuss briefly the theory of Tomography=9m

Write short notes on: 4 x 4 =16m; 12. Intensifying screen 13.Compton effect 14. Sialography

15. Collimation and filtration

Write brief notes on: 5 x 2 =10m; 16.Antemortem records in forensic dentistry 17. Bell's Palsy

18. Composition of Intra Oral Radiographic films 19. Composition of Developer solution

- 20.Epithelial dysplasia

APRIL, 2007

PART -A

1. Classify: White lesions of oral mucosa. Describe: Etiology, Clinical features, diagnosis and management of Lichen planus.
2. Write short notes on: 4x4=16=a) Focal sepsis b) Oral Manifestations of renal diseases
c) Sjogren's syndrome d) Xerostomia
3. Write briefly on: 5x2=10=a) Pathergy Test b) Iron Deficiency Anemia c) Trismus
d) Primordial cyst e) Brown tumor

PART - B

4. write in detail about the different causes of faulty radiography.=9
5. Write short notes on: 4x4=16=a) Filters b) Radiographic appearance of Ameloblastoma
c) Indications of Panoramic Radiography. d) Dosimetry
6. Write briefly: 5x2=a) Various Radiographic Techniques used for TMJ Disorders b) Dental Age
c) Laceration in forensic Dentistry d) Grids e) Lamina Dura

413A-OR=FINAL B.D.S DEG. EXAM- APRIL, 2007-(OR)

PART -A

1. Classify vesicobullous lesions of oral cavity and write in detail About Erythema multiforme.
2. Write short notes: 6x5=a) Focal sepsis b) Lichen planus c) Intensifying screens
d) Eagle syndrome e) Atypical fascial pain f) Submucous fibrosis

PART - B

1. Write briefly on indications for occlusal radiograph & describe the technique for topographic occlusal view.
2. Write short notes on: 6x5=a) Bite mark analysis b) Bell's Palsy c) Drug reactions
d) Angular Stomatitis e) Filtration f) Age determination

OCTOBER-2006 – N.R.

Part-A

1. Classify Vesiculo Bullous Lesions. Discuss the detail etiopathogenesis, clinical features and management of Pemphigus Vulgaris=9m
2. Write short notes on: 4 x 4 =16m; a) Oral Manifestation of Anaemia b) Trigeminal Neuralgia
c) Myofacial pain dysfunction syndrome d) Oral manifestations of HIV
3. Write briefly on: 5 x 2 =10m; a) Bence-Jones Proteins b) Mucocele c) Hairy Leukoplakia
d) Herpetic gingivo stomatitis e) Precaution to be taken during dental treatment of cardiac patients.

Part-B

4. Enumerate: Various Techniques of taking Intra Oral Radiography. Discuss in detail the various procedures taken to protect the operator and the patient during radiography=9m
5. Write short notes on: 4 x 4 =16m; a) Sialography b) Eagles syndrome
c) Indications for Bite Wing Radiography d) Multiocular Radiolucencies of Jaw Bones
6. Write briefly on: 5 x 2 =10m; a) Ethics in dental profession b) Legal problems in Forensic Dentistry
c) Indications for PA view skull d) Determination of sex in Forensic Dentistry e) Properties of X-Rays

APRIL-2006 - N.R.

Part-A

1. Enumerate premalignant lesions and premalignant conditions. Describe the etiology, clinical features and treatment of Oral sub mucous Fibrosis=9m
2. Write short notes on: 4 x4 =16m; a) Oral manifestations of Diabetes Mellitus b) Erythema Multiforme
c) Management of Tic Douloureux d) Endogenous Pigmentation
3. Write short: 5 x 2 =a) ANUG b) Gingival hyperplasia c) Paul-Bunnell test d) Candidiasis e) Bell's Palsy

Part-B

4. What is the composition of radiographic film? Describe the mechanism of image formation. Add a note on the composition of developing and fixing solution and their functions=9m
5. Write short notes on: 4 x 4 =16m; a) Sunray appearance b) Hazards of radiation
c) Automatic film processing d) Indications for occlusal film
6. Write briefly: 5 x 2 =a) Thermoluminescent Dosimeter b) Radiographic appearance of Fibrous Dysplasia c) Bite Marks
d) Battered Baby syndrome e) Wound Certificate

OCT./NOV.2005 (N.R.)

Part-A

1. Define an autoimmune disease. Enumerate autoimmune diseases that have direct and indirect effect on the oral cavity =9m
2. Write short notes on: 4 x 4 =16marks; a) Xerostomia b) Hyperparathyroidism
c) Management of Chronic atrophic candidiasis d) Agranulocytosis
3. Write briefly on: 5 x 2 =10marks; a) James Ramsay Hunt Syndrome b) Post herpetic Neuralgia
c) Paul Bunnel Test d) Hairy Leukoplakia e) Café au lait spots

Part-B

4. Write briefly on indications for occlusal radiograph and describe the technique for topographic occlusal view=9m
5. Write short notes on: 4 x 4 =16marks; a) Importance of Lamira dura b) Collimation and filtration
c) Radiograph appearance of fibrous dysplasia
d) Anatomical Landmarks seen in upper posterior periapical X'Ray picture
6. Write briefly on: 5 x 2=10marks; a) Bell's Palsy b) Antemortem records in Forensic Dentistry
c) Bite mark analysis d) Identification and aging the dead from the teeth e) Dosimetry

MAR/APR.2005

Part-A

1. Enumerate the causes of cervical lymphadenopathy and give the clinical features of Hodgkin's disease=9m
2. Write short notes on: 4 x 4 =16marks; a) Investigations with the result of Pemphigus Vulgaris
b) Sjogren's syndrome c) Differential diagnosis of smooth tongue
d) Clinical features of pernicious anaemia
3. Write briefly on: 4 x 4 =16marks; a) Management of sub mucous fibrosis b) Eagle's syndrome
c) Anaphylactic shock d) Erosive Lichenplanus e) Clidocranial dysostosis

Part-B

4. Describe sialography in detail and write briefly on the significance in various salivary gland disorders=9m
5. Write short notes on: 4 x 4 =16marks; a) Radiographic appearance of periapical cemental dysplasia
b) Radiation protection for patients c) Intensifying Screen d) Generation of X-Rays
6. Write briefly on: 5 x 2 =10marks; a) Grid b) Submentovertex view
c) Estimation of time since death in Forensic Dentistry d) Estimation and interpretation of bite marks
e) Facial comparisons and reconstruction in Forensic Dentistry

OCTOBER, 2004.

Part-A

1. What are the functions of Saliva? Enumerate the causes of Xerostomia and add a note on its management-9
2. Write short notes on: 4 x 4 =16m; a) Pigmental lesions of Orofacial region
b) Oral precancerous lesions c) Clinical features of Acute Herpetic Gingivostomatitis
d) Oral manifestations of HIV Infection
3. Write briefly on: 5 x 2 =10marks; a) Management of recurrent aphthous ulcers
b) Bence Jones protein c) Rose Waller Test d) Management of Paroxysmal Trigeminal Neuralgia
e) Myofacial pain dysfunction syndrome.

Part-B

4. Enumerate periapical radiolucencies and radio-opacities. How would you diagnose systemic diseases with periapical changes in radiographs =9marks
5. Write short notes on: 4 x 4=16marks; a) Moth eaten appearance
b) Radiographic appearance of Odontogenic keratocyst
c) Radiation hazards of teeth, Oral Mucosa and the jaws d) Indications for trans orbital view
6. Write briefly on: 5 x 2 =10marks; a) Potter Bucky diaphragm b) Scope of forensic dentistry
c) Determination of age in forensic dentistry d) Dental identification kit in forensic dentistry e) Resolution

APRIL,2003 (NEW REGULATIONS)

Part-A

1. Give differential diagnosis of pain in and around the tooth =9marks
2. Write short notes on: 4 x 4 =16m a) Treatment of Frigeminal Neuralgia b) Leproma in mouth
c) Glossopyrosis and Glossodynia d) Ramsay Hunt Syndrome
3. Write short notes on: 5 x 2 =10m a) Hairy Leukoplakia b) Drugs causing Gingival enlargement
c) Mobility of tooth d) Pericoritis – causes e) Subluxation of T.M.J. (Tempromandibular joint)

Part-B

- How will you take intraoral radiograph using long cone technique =9marks
- Write short notes on: 4 x 4 =16m a) Radiographic appearance of fibrous Dysplasia b) Exposure time
c) Fixing and developing solution d) Bite marks
- Write short notes on: 5 x 2 =10m a) Child abuse b) Antimortem record c) Lamina Dura
d) Soap bubble appearance of radiograph e) Grid

MARCH/APRIL, 2003 (OLD REGULATIONS)

Part-A

- Give differential diagnosis of pain in and around the tooth =10marks
- Write short notes on: 6 x 5 =30m a) Treatment of trigeminal neuralgia b) Leptoma in mouth
c) Glossopyrosis & glossodynia d) Ramsay hunt syndrome e) Leukoplakia
f) Subluxation of T.M.J. (Temporomandibular joint)

Part-B

- How will you take intra oral radiograph using long cone technique. =10marks
- Write short notes on: 6 x 5 =30m a) Radiographic appearance of fibrous dysplasia b) Exposure time
c) Fixing & developing solution d) Bite marks e) Antimortem record f) Grid.

(New Regulations) OCTOBER, 2002.

Part-A

- Define and classify Anemias. Discuss in detail about Iron deficiency anemia. =9marks
- Write short answers on: 4 x 4 =16 - a) Benign migratory glossitis b) Herpes zoster
c) Chronic lymphocytic leukemia d) Ameloblastoma
- Write briefly on: 5 x 2 =10m a) Secondary stage of syphilis b) Hyperparathyroidism
c) Atrophic Lichen Planus d) Cancrum Oris e) Hodgkin's Disease

Part-B

- Discuss in detail regarding radiation protection =9marks
- Write short: 4 x 4 =16m a) Occlusal view radiography b) Collimation c) SLOB d) Processing of X-ray films
- Write briefly on: 5 x 2 =10marks a) Radiographic films b) Radiographic appearance of Paget's disease c) Bite marks
d) Sex determination e) Lip prints
-

OCTOBER, 2002 (Old Regulations) -

Part-A

- Write the differential diagnosis of dryness of mouth =10marks
- Write short notes on: 6x5=30m a) ANUG b) Sebaceous Nevi c) Verrucous Carcinoma
d) Trismus e) Bald Tongue f) Heerfordt syndrome

Part-B

- Enumerate various Techniques of TMJ Radiography. Write in detail transcranial projection =10marks
- Write short notes on: 6 x 5 =30m a) Collimation b) Dosimetry c) Developing solution
d) Fractures of Teeth e) Lacerated wounds f) Age changes of Teeth

APRIL 2001. - (OLD REGULATIONS)

Part-A

- Enumerate various vesiculo-bullous lesions of oral cavity. Describe Erythema Multiform in detail =10m
- Short Notes: a) Sjogren's syndrome b) Eosinophilic Granuloma c) Serological Test for Syphilis
d) Thrust e) Fibrous Dysplasia f) Anti inflammatory drugs =6x5=30m

Part-B

- Discuss briefly radiation hazards. Describe the various methods to protect the patient and operator from the hazards=10marks
- Short Notes: a) Collimation and Filtration b) Occlusal Radiographs c) Garre's osteomyelitis
d) Contrast radiography e) Intensifying screens f) Composition of Intra oral periapical film =6x5

(NEW REGULATIONS) - APRIL, 2001.

Part-A

- Describe the clinical varieties of Leukoplakia and mention the treatment of different types of Leukoplakia. Add a note on etiology of Leukoplakia =10marks
- Short Notes on: a) Trotters syndrome b) Hairy Leukoplakia c) Agranulocytosis d) Sulcular pain
e) Avitaminosis A f) Treatment of Trigeminal neuralgia =6x5=30marks

Part-B

3. Describe the Radiographic appearance of different cysts of Maxilla and mandible =10marks
4. Short Notes: a) Intensifying screen b) Timer c) Bite marks d) Mass disaster e) Antemortem Record f) Long cone technique =6x5=30marks

(NEW REGULATIONS) - 9th OCTOBER, 2000.

Part-A

1. Enumerate the various causes of Cervico-Facial Lymphadenopathy. Write the differential diagnosis of cervical lymphadenopathy =10marks
2. Short Notes: a) Depapillation of tongue b) Periodic Migrainous Neuralgia c) Bell's Palsy d) Sebaceous Nevi e) Oral submucous Fibrosis f) Agranulocytosis =6x5=30

Part-B

3. Write the principle of imaging and discuss the bisecting angle technique =10marks
4. Short Notes: a) Units of Radiation b) Radiological appearance of Odontogenic Keratocyst =6x5 c) Radiation Mucositis d) Greivous Injury of teeth e) Bite Marks f) Registration of Dental surgeons

9th OCTOBER, 2000. - (OLD REGULATIONS)

Part-A

1. Describe the clinical varieties of Oral Lichen planus and outline the clinical differences between Leukoplakia and Lichen planus. Add a note on management of Lichen Planus in oral mucosa =10marks
2. Short Notes: a) Areas of focal infection in oral cavity b) Oral Submucous fibrosis c) Verruca Vulgaris d) Infectious Mono nucleiosis e) Lamina Dura f) Steroids in Dentistry =6x5=30marks

Part-B

3. Describe the periapical Radiolucencies and Radio-opacities =10marks
4. Short Notes: a) Age determination of Forensic Odontology b) Post mortem Record c) Child abuse d) Dosi Metry e) Fibrous dysplasia in Radiographs f) Long cone Technique =6x5=30marks

(NEW REGULATIONS) – APRIL, 2000.

Part-A

1. Discuss the differential diagnosis of multiple ulcers of oral mucosa =10marks
2. Short notes: a) Burning mouth syndrome b) Acute necrotising ulcerative gingivitis c) Trotter's syndrome d) Biopsy e) Mid Palatal swellings f) Vitality tests =6x5=30marks

Part-B

3. Enumerate the various radiographic techniques for the diagnosis of fractures of mandible =10marks
4. Short Notes: a) Grid b) Bitowing Radiography c) Alara d) Radiation caries e) Professional negligence f) Age determination =6x5=30marks

(OLD REGULATIONS) – APRIL, 2000.

Part-A

1. Enumerate the white lesions of the oral mucosa. Write about aetiology, clinical features, investigations and management of oral thrush =10marks
2. Short Notes: a) Biopsy b) Steven Johnson Syndrome c) Sideropenic dysphasia d) Angioneurotic edema e) Xerostomic f) M.P.D.Syndrome =6x5=30marks

Part-B

3. Enumerate hazards of radiation. Discuss the effects of radiation on oral tissues =10marks
4. Short Notes: a) Bite-wing radiography b) Oral mucosal pigmentation's c) Grids d) Antifungal drugs e) Radiographic appearance of osteosarcoma f) Composition and functions of fixer solution =6x5=30m

OCTOBER, 1999.

Part-A

1. Classify facial pain. Describe aetio-pathogenesis, clinical features and management of trigeminal neuralgia
2. Write short notes on: a) Cyclic Neutropenia b) Paget's Test c) Schirmor Test d) Erythema multiforme e) Erythroplakia f) Atrophic candidasis

Part-B

3. Discuss the differential diagnosis of radiolucencies on coronal part of teeth =10marks
4. Write short notes on: a) Slob formula b) Intensifying Screens c) Osteoradio-Necrosis d) Gustafson method of age determination e) Dental records in medico-legal matters f) Importance of incremental lines in forensic odontology.

6th APRIL, 1999.

Part-A

1. Classify ulcers of the oral mucosa. Discuss the differential diagnosis of recurrent multiple ulcers =10m
2. Short notes: a) Atypical facial pain b) Burning mouth syndrome c) Necrotizing sialometaplasia
d) Biopsy e) Agranulocytosis f) Kaposi's sarcoma =6x5=30marks

Part-B

1. Enumerate intra-oral radiographic techniques. Describe the procedure of localizing an impacted left maxillary canine=10marks
2. Short Notes: a) Characteristic radiation b) Antiviral drugs c) Hyperparathyroidism d) Radiographic film
e) Radiation protection operator f) Ramsay Hunt Syndrome =6x5=30marks

5th OCTOBER, 1998.

Part-A

1. Classify vesicobullous lesions of oral cavity and write in detail about Erythema multiforme=10marks
2. Short Notes: a) Oral exfoliative cytology b) Lichen Planus c) Id reaction d) Trigeminal neuralgia
e) Thalassemia major f) Eagle's syndrome =6x5=30marks

Part-B

3. Discuss the causes of faulty radiographs =10marks
4. Short Notes: a) Dosimetry b) Intensifying screens c) Radiation caries d) Corticosteroids in dentistry
e) Radiographic appearance of Ameloblastoma f) Compton effect =6x5=30marks

6th APRIL, 1998.

Part-A

1. Discuss the differential diagnosis of Oral Mucosal Pigmentation =10marks
2. Short Notes: a) Myofascial pain dysfunction syndrome b) Mumps c) Atypical facial pain
d) Odontogenic Keratocyst e) Hoarfrost's syndrome f) Exfoliate cytology =6x5=30marks

Part-B

3. Describe the procedure of periapical radiograph of mandibular central incisors using short cone technique
4. Short Notes: a) Melkersson Rosenthal syndrome b) Grids c) Coolidge's tube d) Properties of X-rays
e) Mucous patches f) Submucous fibrosis =6x5=30marks

OCTOBER, 1997.

Part-A

1. Enumerate premalignant conditions and lesions of oral mucosa. Describe in detail any two of them =10m
2. Short Notes: a) Thrush b) Bald tongue c) Ramsay Hunt syndrome d) Dysgeusia e) Erythema Multiforme

Part-B

1. Describe the procedure for sialography of parotid gland =10marks
2. Short Notes: a) Contents & actions of developing & fixing solutions b) X-ray tube c) Orthopantomography d)
Radiological appearance of dental caries e) Biopsy f) Recurrent Aphthous stomatitis=6x5

APRIL, 1997.

Part-A

1. Classify facial pain. Describe in detail etiology, clinical features and management of Idiopathic Trigeminal neuralgia=10m
2. Short Notes: a) White spongy nevus b) Eagle's syndrome c) Clinical examination of Ulcer
d) Xerostomia e) Exfoliate cytology =5x5=25marks

Part-B

3. Describe the differential diagnosis of radiolucent lesions in posterior part of body of mandible =10mark
4. Short Notes: a) Regional Odontodysplasia b) Anodontia c) Intensifying screens d) Collimators
e) Pink tooth f) Grinspan syndrome =6x5=30marks

B.D.S. DEGREE EXAMINATION – APRIL 2025
FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION
PERIODONTOLOGY

Time: 3 Hours**Max. Marks: 70**

Note: Answer all questions.

- 1) What are the clinical features of healthy gingival. What is gingival sulcus. What is its normal depth. Describe in detail how a periodontal pocket formation occurs **3+1+1+4=9**

- 2) Define plaque and biofilm. What are the various hypothesis regarding plaque as etiological factor. Add a note on periodontal pathogens. **2+4+3=9**

WRITE SHORT NOTES ON :**8x4=32**

- 3) Periodontal abscess
- 4) Gingival bleeding and its systemic causes
- 5) Drugs and gingival enlargement
- 6) Gingival curettage
- 7) Indications of periodontal flap surgery
- 8) Primary trauma from occlusion
- 9) Osseointegration
- 10) Guided tissue regeneration

WRITE BRIEFLY ON :**10X2=20**

- 11) Phagocytosis by neutrophils
- 12) Pattern recognition receptors
- 13) Cytokines
- 14) Porphyromonas gingivalis
- 15) Grading of furcation involvement
- 16) CPITIN index
- 17) Types of bone loss
- 18) Cells of periodontal ligament
- 19) Cement enamel junction
- 20) Osteoclasts

QP.CODE: 428/414

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – OCTOBER 2024

FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION

PERIODONTOLOGY

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

- 1) What are the signs & symptoms of Chronic Periodontitis? How will you Diagnose and write in details about a treatment plan for Chronic Periodontitis? **4+2+3=9**

- 2) What are the functions of periodontal ligament? Write about its structure. What are the techniques of periodontal regeneration?. **3+3+3=9**

WRITE SHORT NOTES ON :

8x4=32

- 3) Gingival Crevicular fluid
- 4) Dentinal hypersensitivity
- 5) Steps in plaque formation
- 6) Modified Bass technique
- 7) Anti- microbial agents in periodontal therapy
- 8) Gingivectomy
- 9) Full-thickness flap operation
- 10) Effect of smoking on periodontal diseases

WROTE BRIEFLY ON :

10X2=20

- 11) Osseous defects
- 12) Autogenous bone grafts
- 13) Area-specific curettes and their uses.
- 14) Suturing techniques for periodontal surgery
- 15) Periimplantitis
- 16) Perioscope
- 17) Cellular cementum
- 18) Gingival Fibers
- 19) Lamina Dura
- 20) Gingival Recession

Q.P.CODE:428/414

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – APRIL, 2023

FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

- 1) Define periodontal ligament. Describe its structural Components. Discuss the functions of periodontal ligament in detail **1+3+5=9**
- 2) What is flap surgery. Classify it. Discuss the advantages, disadvantages and surgical procedure of modified Widman flap **1+3+5=9**

WRITE SHORT NOTES ON:

8x4=32

- 3) Types of cementum
- 4) Clinical significance of Gingival Crevicular Fluid(GCF)
- 5) Formation of dental plaque
- 6) Pathologic stages of chronic gingivitis
- 7) Autografts
- 8) Chlorhexidine mouth wash
- 9) Types of osseous defects
- 10) Trauma from occlusion

WRITE BRIEFLY ON:

10x2=20

- 11) Perioscope
- 12) What is attached gingiva
- 13) Universal cures
- 14) Indications of gingivectomy
- 15) Tissue bank
- 16) What is pseudo pocket
- 17) Clinical features of herpetic gingivostomatitis
- 18) Miller's class II gingival recession
- 19) Enumerate the red complex pathogens
- 20) Cavitation

Q.P.CODE:428/414

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – NOVEMBER/DECEMBER, 2022
FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

- 3) What is Dentogingival unit? Describe its components and its functions in detail. **1+3+5=9**
4) What is pocket? Classify it. Write in detail about the pathogenesis of periodontal pocket. **1+3+5=9**

WRITE SHORT NOTES ON:

8x4=32

- 5) Why dental plaque is considered as biofilm
- 6) Drug induced gingival overgrowth
- 7) Aggregatibacter Actinomycetemcomitans (Aa)
- 8) Advantages of local drug delivery systems
- 9) Steps in Resective Osseous surgery
- 10) Periodontal splinting
- 11) Diabetes and Periodontal Health
- 12) Halitosis

WRITE BRIEFLY ON:

10x2=20

- 13) Non keratinocytes
 - 14) Soft Tissue Laser
 - 15) Transseptal fibers
 - 16) Advantages of Modified pen grasp
 - 17) What are the different mineral forms of dental calculus
 - 18) Periochip
 - 19) Powered Tooth brushes
 - 20) Rationale behind Guided Tissue Regeneration
 - 21) Bicuspidisation
 - 22) Advantages and disadvantages of Apically displaced flap
-

PERIODONTOLOGY

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

1. Define Trauma from occlusion (TFO). Describe the histopathology, clinical features and treatment of TFO **1+2+3+3 =9M**
2. Define periodontal plastic surgery. Enumerate the various procedures under this category. Describe in detail about widening of attached gingiva using free gingival graft **1+3+5 =9M**

WRITE SHORT NOTES ON

8X4=32M

3. Epithelial attachment
4. Acellular extrinsic fiber cementum
5. Desquamative gingivitis
6. Differences between supra bony and infra bony pocket
7. Tooth brush design
8. Types of prognosis
9. Allografts
10. Management of Grade-II furcation defect

WRITE BRIEFLY ON

10X2 = 20M

11. Osteoclast
12. Periodontal pack
13. Angular or vertical bone loss
14. Types of horizontal incisions in flap surgery
15. Types of suture materials
16. New attachment curette
17. Any two differences between Gracey's curette and universal
18. Glickman's classification of furcation involvement
19. Management of periodontal Abscess
20. Pregnancy Tumour

Q.P.CODE:428/414

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – NOVEMBER , 2021

FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

1. Define dental plaque. Write the composition and formation of plaque in detail and its role in etiology of periodontal diseases.

1+2+3+3 =9M

2. What are the pocket eradication procedures? Write the indications and surgical procedure of modified widman flap technique.

3+2+4 =9M

WRITE SHORT NOTES ON

8X4=32M

3. Localised aggressive periodontitis
4. Age changes in periodontium
5. Loe and silness plaque index
6. Periodontal management of diabetic patient
7. AIDS associated periodontitis
8. Iatrogenic factors In periodontal diseases
9. Periodontal dressings
10. Endo – perio problems

WRITE BRIEFLY ON

10X2 = 20M

11. Osteotomy and osteoplasty
12. Erenectomy and frenotomy
13. Enumerate the drugs used in local drug delivery system
14. Halitosis
15. Causes of gingival recession
16. Root conditioning agents
17. Secondary trauma from occlusion
18. Peri implantitis
19. Grac ey curettes
20. Causes of gingival hyperplasia

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION – FEBRUARY, 2021
FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
-
- | | |
|--|---------|
| 1) Define and discuss types of Gingiva. Describe the microscopic features of gingiva | 1+3+5=9 |
| 2) Define and classify furcation involvement. Discuss the treatment modalities for different grades of furcation involvement | 1+3+5=9 |

WRITE SHORT NOTES ON:

8x4=32

- | | |
|--|--|
| 3) Pregnancy Gingivitis | |
| 4) Peri-implantitis | |
| 5) Bass method of Tooth brushing | |
| 6) Methods of collecting Gingival Crevicular Fluid | |
| 7) Secondary Colonization and Plaque Maturation | |
| 8) Primary trauma from occlusion | |
| 9) Pericoronitis | |
| 10) Area specific curettes | |

WRITE BRIEFLY ON:

10x2=20

- | | |
|--------------------------------|--|
| 11) Williams periodontal probe | |
| 12) Osteoblast | |
| 13) Mast cells | |
| 14) Oblique group of fibers | |
| 15) Soft tissue laser | |
| 16) Osseointegration | |
| 17) Gingivoplasty | |
| 18) Xenograft | |
| 19) Powered tooth brush | |
| 20) Osseous craters | |

Q.P.CODE:428/414

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – SEPTEMBER, 2020

FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
- 1) Define and classify the periodontal diseases. Discuss the clinical, radiographical features and treatment of adult periodontitis 3+3+3=9
 - 2) What is periodontal medicine. How will you treat a patient of periodontal disease with cardiovascular disorders 3+6=9

WRITE SHORT NOTES ON:

8x4=32

- 3) GCF (Gingival Crevicular Fluid)
- 4) Halitosis
- 5) Age changes in periodontium
- 6) Plaque as Etiology of periodontal disease
- 7) TFO (Trauma From Occlusion)
- 8) Allograft
- 9) Implant failure
- 10) Focal infection

WRITE BRIEFLY ON:

10x2=20

- 11) Naber's probe
 - 12) Odontoplasty
 - 13) Hemiseptum
 - 14) Perioscope
 - 15) CPITN Index
 - 16) Acellular Cementum
 - 17) Reverse bone architecture
 - 18) Intrabony pockets
 - 19) Define gingivectomy
 - 20) Platelet Rich Plasma
-

Q.P.CODE:428/414

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2020

FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

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-
- 1) Define and classify Flap Surgery. Describe the step-by-step procedures of modified Widman flap surgery. 2+3+4=9
 - 2) Define and classify gingival enlargement. Write in detail about etiopathogenesis, clinical features and management of drug induced gingival overgrowth. (DIGO) 2+3+1+1+2=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Pulpo-periodontal problems
- 4) Full mouth disinfection
- 5) Food Impaction
- 6) Repair, Regeneration and New attachment
- 7) Disclosing Solutions
- 8) Periodontal knives
- 9) Platelet Rich Fibrin (PRF)
- 10) Chlorhexidine

WRITE BRIEFLY ON:

10x2=20

- 11) Gingival stippling
- 12) Cervical enamel projections (CEP)
- 13) Quentin furcation curettes
- 14) Plasma cell gingivitis
- 15) DNA Probe
- 16) Periotest
- 17) Biologic width
- 18) Acellular cementum
- 19) Fenestration and dehiscence
- 20) Halimeter

Q.P.CODE:428/414

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – JULY, 2019

FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

23) Define and classify Dental Plaque. Write about the steps in the formation of Dental Plaque. 1+2+6=9

24) What is Acute Necrotizing

Ulcerative Gingivitis?

Write 2+2+4=9 about the signs, symptoms

Necrotizing Ulcerative Gingivitis.

WRITE SHORT NOTES ON:

8x4=32

25) Millers Classification of Gingival Recession

26) Theories of calculus formation

27) Subepithelial connective tissue graft

28) Effects of smoking on periodontal disease

29) Halitosis

30) Junctional epithelium

31) Periodontal abscess

32) Bruxism

WRITE BRIEFLY ON:

10x2=20

33) Keratinocyte

34) Muco gingival junction

35) Hemiseptum

36) Kirkland Knife

37) Linear gingival erythema

38) Dental floss

39) Sharpey's fibers

40) Frenectomy

41) Gingivoplasty

42) Periodontal splint

DEGREE EXAMINATION – JANUARY, 2019
FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY

Time : 3 Hours

Max. Marks : 70

=====

1) Define Prognosis. Describe the factors affecting the prognosis of periodontal diseases. 2+7=9

2) Define Gingivectomy. Discuss the indications, contraindications and surgical procedure for Gingivectomy. 1+2+2+4=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Tooth brush design
- 4) Gingival Crevicular Fluid
- 5) Differences between Suprabony and Infrabony pockets
- 6) Pericoronitis
- 7) Ultrasonic Scalers
- 8) Pyogenic granuloma
- 9) Desensitizing agents
- 10) Maintenance Phase

WRITE BRIEFLY ON: 10x2=20

- 11) Cemento enamel junction
 - 12) Lamina dura
 - 13) Universal curette
 - 14) Nabers probe
 - 15) Disclosing agent
 - 16) Free gingival
 - 17) Osteoplasty
 - 18) Scurvy
 - 19) Buttressing bone formation
 - 20) Pregnancy tumor
-

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JULY, 2018

FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY**Time : 3 Hours****Max. Marks : 70**

Note : Answer all questions.

21) Define Microbial Plaque. Describe the role of plaque in periodontal diseases. 2+7=9

22) Classify *Gingival Recession*. Describe the treatment of localized gingival recession in relation to maxillary central incisor tooth. 3+6=9

WRITE SHORT NOTES ON:

8x4=32

- 23) Functions of periodontal ligament fibres
- 24) Peri Implantitis
- 25) Acute Necrotic Ulcerative Gingivitis (ANUG)
- 26) Guided Tissue Regeneration (GTR)
- 27) Pathological migration
- 28) Risk factors in periodontal diseases
- 29) Papilla preservation flap technique
- 30) Non-steroidal anti-inflammatory drugs (NSAIDS)

WRITE BRIEFLY ON:

10x2=20

- 31) Furcationplasty
- 32) Mirror image in localized aggressive periodontitis
- 33) Rebound phenomenon
- 34) Widow's peak
- 35) William's probe
- 36) Acellular cementum
- 37) Langer cures
- 38) Lazy leucocyte syndrome
- 39) Periodontal disease activity
- 40) Periotron

PERIODONTOLOGY**Time : 3 Hours****Max. Marks : 70**

Note : Answer all questions.

-
- 1) Define and classify periodontal flap. Describe modified Widman flap in detail. 1+4+4=9
 - 2) What are the indications of gingivectomy? Give its advantages and disadvantages. Describe the surgical procedure and healing after gingivectomy. 2+1+1+3+2=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Trauma from occlusion
- 4) Osseous defects
- 5) Periodontal probes
- 6) Periodontal splints
- 7) Etiologic significance of calculus
- 8) Periodontal management of Diabetic patient
- 9) Powered Tooth Brushes
- 10) Ridge Augmentation

WRITE BRIEFLY ON:

10x2=20

- 11) Bundle bone
 - 12) Junctional Epithelium
 - 13) Biological width
 - 14) Perio-Aid
 - 15) Allografts
 - 16) Biofilm
 - 17) Bruxism
 - 18) New attachment
 - 19) Peri-implantitis
 - 20) Steps in resective osseous surgery
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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION –JULY/AUGUST, 2017
FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define periodontal pocket. Classify periodontal pockets. 1+4+4=9
Discuss briefly the root surface wall of the pocket.

- 2) Enumerate the indications and contraindications of gingivectomy. Discuss in detail the surgical procedure for gingivectomy. 2+2+5=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Schroeder classification of cementum
- 4) Retrograde periodontitis
- 5) Clinical features of drug induced gingival enlargements
- 6) Sub epithelial Connective Tissue Graft (SCTG)
- 7) Modes of attachment of calculus
- 8) Antibacterial action of saliva
- 9) Biology of soft tissue around an implant
- 10) Stage II – the early lesion

WRITE BRIEFLY ON: 10x2=20

- 11) Dental floss
- 12) Bicuspidization
- 13) Define food impaction
- 14) Osteoplasty and Ostectomy
- 15) Primary and secondary trauma from occlusion
- 16) Atridox
- 17) Mini curettes
- 18) Frenectomy
- 19) Host Modulation Therapy
- 20) Dentifrice

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2017

FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY**Time : 3 Hours****Max. Marks : 70**

Note : Answer all questions.

- 1) Define pocket. Discuss the methods of pocket therapy and the criteria for method selection. 1+4+4=9

- 2) Enumerate the various osseous defects and discuss the steps in respective osseous therapy. 4+5=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Plaque hypothesis
 4) Clinical features of generalized aggressive periodontitis
 5) Clinical significance of gingival Crevicular fluid
 6) Factors affecting prognosis
 7) Primary Herpetic Gingivostomatitis
 8) Pyogenic granuloma
 9) Pathways of inflammation from gingiva into supporting periodontal tissue in periodontitis.

- 10) Factors influencing the Occlusal forces on the Periodontium

WRITE BRIEFLY ON:

10x2=20

- 11) Phase I therapy
 12) CPITN index
 13) Etiology of periodontal abscess
 14) Uses of disclosing agents
 15) EVA System
 16) Periochip
 17) Objectives of periodontal plastic surgery
 18) Peri implant mucositis
 19) Subepithelial connective tissue graft (SCTG)
 20) Principles of Instrumentation

Time : 3 Hours**Max. Marks : 70****Note : Answer all questions.**

-
-
- 1) Discuss the etiology, clinical features and radiographic features of Localized Aggressive Periodontitis. 2+4+3=9

- 2) Define Risk factor and discuss diabetes as a risk factor for periodontitis. 2+7=9

WRITE SHORT NOTES ON:**8x4=32**

- 3) Causes of Gingival Recession
4) Formation of dental plaque
5) Principal fibers of periodontal ligament
6) Importance of Vit. C in periodontal health
7) Root biomodification
8) Incisions used in modified Widman flap procedure
9) Interdental aids
10) Repair, Regeneration and new attachment

WRITE BRIEFLY ON:**10x2=20**

- 11) Osseointegration
12) Allografts
13) Functions of attached gingiva
14) Soft tissue laser
15) Osseous defects
16) Treatment for grade II furcation
17) Difference between suprabony and infrabony defect
18) Pathologic causes for mobility of tooth
19) Modified pen grasp
20) Chlorhexidine

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA :: AP
BDS DEGREE EXAMINATION - JANUARY, 2016
FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)
PERIODONTOLOGY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

1) Define prognosis. Describe the factors which determine the prognosis of a patient with periodontal disease.	2+7=9
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2) Define oral mucosa. Describe the clinical and microscopic features of normal gingiva	2+4+3=9
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<u>WRITE SHORT NOTES ON:</u>	8x4=32
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3) Specific and non-specific plaque hypothesis.	
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4) Treatment of dentinal hypersensitivity	
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5) Design of tooth brush	
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6) Trauma from occlusion	
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7) Local drug delivery system	
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8) Iatrogenic factors in periodontal pathogenesis	
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9) Intra bony defects	
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10) Periodontal dressing	
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<u>WRITE BRIEFLY ON:</u>	10x2=20
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11) Anti-calculus agents	
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12) Mode of attachment of junctional epithelium to tooth surface	
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13) Beneficial bacterial species in oral cavity	
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14) Periodontal knives	
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15) Sharpening stones	
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16) Nabers probe	
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17) Gingival abscess	
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18) Fremitus test	
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19) Cemento-enamel junction (C.E.J)	
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20) Growth factors	
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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JULY / AUGUST, 2015

FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)

PERIODONTOLOGY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define and classify periodontal pocket. Describe the pathogenesis and histopathology of periodontal pocket. 2+2+3+2=9
- 2) Classify Gingival Enlargements. Describe the pathogenesis, clinical features and treatment of Drug Induced Gingival Enlargement. 3+2+2+2=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Effect of smoking on periodontal health.
- 4) Treatment of Grade-II furcation involvement.
- 5) Methods of collection of G.C.F. (Gingival Crevicular Fluid)
- 6) Platelet – Rich Plasma (P.R.P.)
- 7) LASERS
- 8) Supportive periodontal therapy
- 9) Disclosing solutions
- 10) Necrotizing Ulcerative Periodontitis

WRITE BRIEFLY ON:

10x2=20

- 11) Aggregatibacter actinomycetemcomitans
 - 12) Gingival abscess
 - 13) Modified Bass Technique
 - 14) Xenograft
 - 15) Frenectomy
 - 16) Blood supply of gingiva
 - 17) Papillon Lefèvre Syndrome
 - 18) Matrix Metalloproteinases (MMPs)
 - 19) Plunger cusp
 - 20) Wicking effect
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**BDS DEGREE EXAMINATION – JANUARY, 2015
FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)
PERIODONTOLOGY**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

1) Describe the etiology, clinical features and treatment of localized aggressive Periodontitis.	2+3+4=9
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2) Define plaque. Describe the formation and maturation of plaque. Add a note on the chemical method of plaque control.	1+2+3+3=9
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<u>WRITE SHORT NOTES ON:</u>	8x4=32
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- | | |
|---|--|
| 3) Functions of Periodontal ligament | |
| 4) Pathologic tooth migration | |
| 5) Excisional New Attachment Procedure (ENAP) | |
| 6) Full-mouth disinfection | |
| 7) Periodontal probes | |
| 8) Peri-implantitis | |
| 9) Powered tooth brushes | |
| 10) Allograft | |

<u>WRITE BRIEFLY ON:</u>	10x2=20
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|----------------------------------|--|
| 11) Junctional Epithelium | |
| 12) Pocket eradication | |
| 13) BANA test | |
| 14) Universal curettes | |
| 15) Radius of action | |
| 16) Fenestrations and Dehiscence | |
| 17) Periocline | |
| 18) Cavitation | |
| 19) Plasma cell gingivitis | |
| 20) Anti-calculus agents | |

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428/414
BDS DEGREE EXAMINATION – JULY, 2014
FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)
PERIODONTOLOGY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define and classify Periodontal diseases. $1+2+1+1+2+2=9$
Describe the etiology, pathogenesis, clinical signs and symptoms and management of chronic periodontitis.

- 2) Define and classify Osseous surgery. Describe the steps and procedure of resective osseous surgery $1+2+2+4=9$

WRITE SHORT NOTES ON: $8 \times 4 = 32$

- 3) Maintenance phase of Periodontal treatment
- 4) ANUG
- 5) Role of dental plaque in Periodontal disease
- 6) Food impaction
- 7) Diabetes as a risk factor for periodontal disease
- 8) Modified Widman flap
- 9) Implant - Bone interface
- 10) Determination of prognosis of individual tooth

WRITE BRIEFLY ON: $10 \times 2 = 20$

- 11) Radisectomy
- 12) Types of embrasures
- 13) Causes of hypersensitivity
- 14) Principles of splinting
- 15) Indications of gingivectomy
- 16) Enumerate the microsurgical instruments
- 17) Sharpey's fibers
- 18) Osteoclasts
- 19) Composition of saliva
- 20) Col.

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BDS DEGREE EXAMINATION - JANUARY, 2014
FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)
PERIODONTOLOGY

Time : 3 Hours
Max. Marks : 70

Note : Answer all questions.

- 1) Describe the etiopathogenesis, clinical features and the treatment of localized aggressive Periodontics. $3+3+3=9$

- 2) Define Halitosis. Describe the diagnosis and treatment of halitosis.

$2+4+3=9$

WRITE SHORT NOTES ON:

$8 \times 4 = 32$

- 3) Gingival crevicular fluid (GCF)
- 4) LASER
- 5) Tooth mobility
- 6) Phase - I Periodontal therapy
- 7) Pericoronitis
- 8) Dentifrices
- 9) Dento-Gingival junction
- 10) Pyogenic Granuloma

WRITE BRIEFLY ON:

$10 \times 2 = 20$

- 11) Reverse Bone Architecture
- 12) Pocket marker
- 13) Radius of action
- 14) Periotriever
- 15) Lamina Dura
- 16) Muco - Gingival junction
- 17) WHO probe
- 18) Triclosan
- 19) Hemiseptum
- 20) Periosteum

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BDS DEGREE EXAMINATION – JANUARY/FEBRUARY, 2013
FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)
PERIODONTOLOGY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Describe various plaque control methods. 9
- 2) Classify acute gingival lesions. Discuss in detail about the clinical features / course, histopathology, differential diagnosis and management of ANUG. $3+2+1+1+2=9$

WRITE SHORT NOTES ON:

8x4=32

- 3) Cells of immunity and inflammation
- 4) Periodontal knives
- 5) Modified Bass Technique
- 6) Functions of periodontal ligament
- 7) Periodontal splinting
- 8) Effects of smoking on periodontal disease
- 9) Gingival disease in pregnancy
- 10) Vitamin 'C' deficiency

WRITE BRIEFLY ON:

10x2=20

- 11) Soft Tissue Laser
- 12) Cytokines
- 13) Blood supply to gingiva
- 14) Endodontic periodontal lesion
- 15) ENAP
- 16) Incisions in flap surgery
- 17) G.T.R.
- 18) Pocket
- 19) Merin's classification for recall patients
- 20) Transgingival probing

- - -

21)

BDS DEGREE EXAMINATION – AUGUST, 2013
FOURTH (NR) & FINAL BDS EXAMINATION (OR &NR)
PERIODONTOLOGY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define and classify Periodontal flap. Describe the indications, advantages and technique of modified Widman flap. 1+2+1+1+4=9

- 2) Define and classify furcation involvement. Discuss the treatment modalities for different grades of furcation involvement. 1+2+6=9

WRITE SHORT NOTES ON: **8x4=32**

- 3) Necrotizing ulcerative periodontitis
- 4) Gingival bleeding
- 5) Steps in Resective Osseous Surgery
- 6) Trauma from occlusion
- 7) Area specific curettes
- 8) Interdental cleaning Aids
- 9) Periodontal dressing
- 10) Formation and composition of plaque

WRITE BRIEFLY ON: **10x2=20**

- 11) Keratinocyte
- 12) Cellular cementum
- 13) Clinical attachment level
- 14) Bundle bone
- 15) Allografts
- 16) Bass brushing technique
- 17) Universal curettes
- 18) Citric acid
- 19) Linear gingival erythema
- 20) Osseous crater

428/414-BDS DEG. EXAMINATION – JANUARY/FEBRUARY, 2013- PERIODONTOLOGY

Fourth (Nr) & Final Bds Examination (Or &Nr)-Time : 3 Hrs-Max. Mrks : 70-Answer all questions.

1..Describe various plaque control methods=9m

2..Classify acute gingival lesions. Discuss in detail about the clinical features, course, histopathology, differential diagnosis and management of ANUG= 3+2+1+1+2=9

Write Short Notes On: 8 x 4=32m

3..Cells of immunity and inflammation 4..Periodontal knives 5..Modified Bass Technique

6..Functions of periodontal ligament 7..Periodontal splinting

8..Effects of smoking on periodontal disease 9..Gingival disease in pregnancy 10.Vitamin 'C' deficiency

Write briefly on: 10 x 2=20m

11.Soft Tissue Laser 12.Cytokines 13.Blood supply to gingival 14.Endodontic periodontal lesion

15.ENAP 16.Incisions in flap surgery 17.G.T.R. 18.Pocket

19.Merin's classification for recall patients 20.Transgingival probing

428/414-BDS DEG. EXAMINATION – AUGUST, 2012- PERIODONTOLOGY

Fourth (Nr) & Final Bds Examination (Or &Nr)-Time : 3 Hrs-Max. Marks : 70-Answer all questions.

1..Define and Classify Trauma from Occlusion. Write in detail about the tissue responses to trauma from occlusion=9m

2..Define Prognosis. What are the factors considered in determining the prognosis of Periodontitis?=9

Write Short Notes On: 8 x 4=32m

3..Theories of Calculus formation 4..Ultra sonic scalars 5..Wasting diseases of Teeth

6..Causes of Gingival Recession 7..Gingival Index 8..Junctional Epithelium

9. Peri-implantitis 10.Dentinal hypersensitivity

Write Briefly On: 10 x 2=20m

11.Col 12.Perioscope 13.Causes of Halitosis 14.Periodontal dressing 15.Modified pen grasp

16.Melanocyte 17.Osseointegration 18.Hoe Scaler 19.Lamina dura 20.Hemiseptum

428-FOURTH BDS (N.R) DEG. EXAMINATION-MARCH, 2012-PERIODONTOLOGY

Time : 3 Hours-Max. Marks : 70-Answer all questions.

1..Discuss in detail about defense mechanisms of the gingival=9m

2..Define periodontal plastic surgery. Discuss the techniques to increase the width of attached gingival=9m

Write Short Notes On: 8 x 4=32m

3. Metal intoxication 4. Drug induced gingival hyperplasia 5. Treatment of oral malodor

6. Kaposi's sarcoma. 7. Modified Bass Technique

8. Risk factors associated with Periodontal disease

9. Antibiotic prophylaxis for infective endocarditis 10.Factors that affect wound healing

Write Briefly On: 10 x 2=20m

11.Radius of action 12.Scaling and root planning 13.Therapeutic occlusion

14.Tooth mobility 15.Gingivoplasty 16.Horizontal mattress suture

17.Steps in osseous resective surgery 18.Hypersensitivity reactions 19.Hemisection

20.Phases of treatment plan

414-FINAL BDS (O.R) DEG. EXAMINATION – JANUARY, 2012-PERIODONTOLOGY

1..Define and classify Periodontal Pockets. Discuss the pathogenesis of Periodontal pocket and enumerate the differences between suprabony and infrabony pockets=9m

2..Define Gingivectomy. What are the indications and contraindications for Gingivectomy? Describe the Gingivectomy procedure=9m

Write Short Notes On: 8 x 4=32m

3. Functions of Periodontal Ligament

4. Factors affecting Gingival Crevicular Fluid flow

5. Classification of Osseous Grafts

6. Disclosing solutions.

7. Pyogenic granuloma

8. Necrotizing ulcerative gingivitis

9. Attached Gingiva

10.Maintenance phase of periodontal treatment

Write briefly on:

11.Acellular cementum

12.Williams Periodontal Probe

13.Dehiscence and Fenestration

14.Stillman's clefts

15.Nikolsky's sign 16.McCall's festoons 17.Tissue Bank

428/414-FINAL BDS DEG. EXAMINATION – JULY, 2011-PERIODONTOLOGY

- 1..Define Prognosis. Discuss in detail factors affecting prognosis=9m
- 2..Define and classify furcation defects. Discuss in detail about the treatment modalities of Grade-II furcation defect=9m

Write Short Notes On: $8 \times 4 = 32m$

- 3..Pathogenesis of periodontal pocket 4.H.M.T 5. Specific and non-specific plaque hypothesis
- 6.Osseo induction, Osseo conduction, Osseointegration.
- 7.Microbial specificity of periodontal disease
- 8..Periodontal management of Diabetic patient
- 9..Gingival bleeding 10.Repair, Regeneration, new attachment

Write Briefly On: $10 \times 2 = 20m$

- 11.Food impaction 12.Peri implantitis 13.Hyper cementosis 14.Inter dental cleaning devices
- 15..Principles of Instrumentation 16..CPITN Index 17.Refractory Periodontitis
18. Dentogingival unit 19.Oro granulocytes 20. Chlorhexidine

414-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2011-PERIODONTIA

- 1..Define oral mucosa. Describe the clinical and microscopic features of normal gingival=9m
- 2..Define and classify plaque. Describe the formation of plaque and its role in the etiology of periodontal disease=9m

Write Short Notes On: $8 \times 4 = 32m$

- 3..Tooth mobility 4..Aggressive periodontitis 5.Oral physiotherapy 6.Periodontal splints
- 7..Probiotics 8..Periodontal abscess 9.Desquamative gingivitis 10.Dental floss

- Write Briefly: $10 \times 2 = 11$. Guided Bone Regeneration (GBR) 12.Spirochetes 13.Periochip 14.Lamina dura
15. Platelet rich plasma (PRP) 16. Langer's curettes 17. Plasma cell gingivitis
 18. Periodontal knives 19. Classification of furcation involvement 20. Individual prognosis

414-FINAL BDS DEGREE EXAMINATION – JULY, 2010-PERIODONTIA

PART-A

1. Define trauma from occlusion (TFO). Describe the histopathology, clinical features and treatment of TFO=9m

WRITE SHORT NOTES ON:= $4 \times 4 = 16m$

2. Plaque hypothesis 3. Disclosing solutions 4. Functions of attached gingival 5. Allograft

WRITE BRIEFLY ON= $5 \times 2 = 10m$

6. Periostat 7. Periotemp 8. Perioaid 9. Periotron 10. Perioscope

PART-B

11. Define guided tissue regeneration (GTR). Classify and describe various GTR materials used in periodontal regeneration=9m

WRITE SHORT NOTES ON:= $4 \times 4 = 16m$

12. Periodontal abscess 13. Emdogain 14. Gingival Crevicular Fluid (GCF) 15. Intrabony defects

WRITE BRIEFLY ON= $5 \times 2 = 10m$

16. DNA probe 17. Actisite 18. Interdental crater 19. Tension test
20. Cervical Enamel Projection (CEP)

414-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2010-PERIODONTIA

PART-A

1. Define and classify Periodontal Flap. Discuss the modified Widman Flap in detail=9m

Write Short Notes On:= $4 \times 4 = 16m$

2. Functions of periodontal ligament 3. Pathological migration 4. Toothbrush design
5. Subepithelial connective tissue graft (SCTG)

Write Briefly On= $5 \times 2 = 10m$

6. Fremitus test 7. Langerhans cells 8. Naber's Probe 9. Reversed architecture 10. Trichlosan

PART-B

11. Classify Gingival Enlargement. Discuss the histopathology and clinical features of drug induced Gingival enlargement=9m

Write Short Notes On:= $4 \times 4 = 12$. Periodontal dressing

13. Leukemic gingival enlargement 14. Powered toothbrushes 15. Gingival recession

Write Briefly= $5 \times 2 = 16$. Halimeter 17. Arestin 18. Pregnancy tumor 19. Peri-implantitis 20. Dentifrice

414-FINAL BDS DEGREE EXAMINATION – AUGUST, 2009-PERIODONTIA

PART-A (35 MARKS)

1. Define and classify periodontal pocket. Write the various treatment modalities for pocket elimination procedures=9m

WRITE SHORT NOTES ON: $4 \times 4 = 16m$

2. Socrasky's criteria for identification of periodontal pathogens. 3. Theories of calculus formation.

4. Treatment of Acute Gingival Disease. 5. Soft Tissue changes to increased occlusal forces

WRITE BRIEFLY ON: $5 \times 2 = 10m$ 6. Radius of action. 7. New attachment

8. Principles of instrumentation 9. Neutrophils 10. Chlorhexidine

PART-B(35 MARKS)

11. Define osseous surgery. Discuss various osseous grafting procedures=9m

WRITE SHORT NOTES ON: $4 \times 4 = 16m$

12. Periodontal manifestations of HIV infection.

13. Indications and contraindications of gingivectomy

14. Principal fibers of the periodontal ligament 15. Diabetes and Periodontal Health.

WRITE BRIEFLY ON: $5 \times 2 = 10m$

16. Gingival Col. 17. Clinical features of drug induced gingival hyperplasia

18. Periodontal probes. 19. Factors influencing the successful outcome of surgery

20. Host Modulation Therapy (HMT)

414-FINAL BDS DEGREE EXAMINATION – MARCH, 2009-PERIODONTIA

PART -A

1. Define periodontal flap. Describe the indications, contraindications and technique of Modified Widman flap procedure=9m

Write short = $4 \times 4 = 2$. Local drug delivery system 3. Root bio-modification 4. Halitosis 5. Osseointegration

WRITE BRIEFLY ON: $5 \times 2 = 10$ =6. Cemento Enamel Junction (CEJ) 7. Bundle bone

8. Gingival abscess 9. William's probe 10. 'Burn-out' phenomenon

PART-B

11. Classify 'Gingival Enlargement'. Describe the pathogenesis, histopathology, clinical features and treatment of 'Conditioned Gingival Enlargement'=9m

Write short notes= $4 \times 4 = 12$. LASER 13. Chemical Plaque Control 14. Dentin hypersensitivity 15. Periodontal dressing

Write briefly on= $5 \times 2 = 16$. Gingivoplasty 17. Haematoma 18. Periosteum 19. Proxabrush 20. Periotrieviers

414 Final BDS DEGREE EXAMINATION – AUGUST/SEPTEMBER, 2008

PART -A

1. Describe the etiopathogenesis, clinical features and the treatment of Localized Aggressive periodontitis=9m

Write Short Notes On: $4 \times 4 = 16$ =2. Gingival 'Col' 3. Periodontal Knives

4. Modified Bass technique 5. Cyanoacrylate

Write Briefly On: $5 \times 2 = 10$ =6. Nikolsky's sign 7. Enamel Matrix Proteins

8. Actinobacillus actinomycetemcomitans 9. Dehiscence 10. Tissue Bank

PART-B

11. Define and classify microbial plaque. Describe the role of microbial plaque in the initiation and progression of periodontal diseases=9m

Write Short Notes: $4 \times 4 = 12$. Diabetes 13. Necrotizing Ulcerative Periodontitis

14. Area specific curettes 15. Intrabony pockets

Write Briefly On: $5 \times 2 = 16$. Markell cells 17. Bio ceramics 18. Platelet-rich plasma (P.R.P.) 19. Stim-u-dent 20. Gingival pigmentation

414--Final BDS DEG. EXAM – MARCH, 2008-PERIODONTIA

PART -A

1. Define and classify Oral Mucosa. Describe the anatomical & histological features of gingival-9m

Write Short= $4 \times 4 = 2$. Gungivoplasty 3. Osseous Coagulum 4. Kaposi's sarcoma 5. Papilla preservation flap

Write Briefly On: $5 \times 2 = 6$. Cemento-enamel junction (C.E.J.) 7. Prevotella intermedia 8. allografts

9. Tension test 10. Root conditioning

PART - B

11. Define Prognosis. Discuss the various factors you consider to assess the prognosis of periodontally involved teeth=9m

Write Short Notes On: 4x4=16=12. Periodontal dressing 13. Tooth Mobility 14. Inflammatory cells

15. Peripheral giant cell granuloma

Write Briefly=5x2=10=16. Active immunity 17. Periosteum 18. Supra contacts 19. Prostaglandins 20. Periodic acid

414-OR-FINAL B.D.S DEGREE EXAMINATION –OCTOBER, 2007-PERIODONTIA

Part-a

1. Define and classify Periodontal flap. Describe the indications, advantages and step-by-step procedure of Modified Wiklman Flap=9m

Write short notes on: 4 x 4 =16m; 2. Food impaction 3. Localized aggressive periodontitis

4. Dento-gingival junction 5. Interleukin-1

Write briefly on: 5 x 2 =10m; 6. Anti-calculus agents 7. Actisite 8. Burn-out phenomenon

9. Spirochetes 10. Furcationoplasty

Part-B

11. Describe the etiopathogenesis, histopathology, clinical features and treatment of chronic Desquamative Gingivitis=9m

Write short notes on: 4 x 4 =16m; 12. Periodontal splinting 13. Peri-implantitis 14. Growth factors 15. LASER

Write briefly on: 5 x 2 =10m; 16. Dental Endoscope 17. Complex pocket 18. Roll test

19. Radius of action 20. Reverse architecture

APRIL, 2007

PART -A

1. Define dental epidemiology and write in detail about the indices used in assessing gingiva inflammation.

2. Write short notes on: 6x5=a) Physiological mesial drift b) Mast cell c) Gingival recession

d) Desquamative gingivitis e) Fenestration f) Halitosis

PART - B

3. Define osseous surgery and describe in detail resective osseous surgery.10

4. Write short notes on: 6x5=a) Coronoplasty b) Methods of collecting gingival crevicular fluid

c) Root planning d) Chisel Scalers e) Disclosing Agent f) Area specific curettes

OCTOBER-2006 – N.R.

Part-A

1. Classify Gingival enlargements and describe the drug induced gingival enlargements=9m

2. Write short: 4 x 4=a) Localized aggressive periodontitis b) Periodontal manifestations of HIV Infection

c) Specific plaque hypothesis d) Immunoglobulins

3. Write briefly on: 5 x 2 =10m; a) Food Impaction b) Free gingiva

c) Tooth mobility d) P.gingivalis e) Inconsistent bony margins

Part-B

4. Write indications, disadvantages and the step by step procedure of gingivectomy=9m

5. Write short notes on: 4 x 4 =16m; a) Interdental cleaning aids b) Periodontal splints

c) Alloplasts d) Frenectomy

6. Write briefly: 5 x 2; a) Osseous integration b) Periosteal c) Disclosing agents d) Nabers probe e) Hemisection

APRIL-2006 (N.R.)

Part-A

1. Classify periodontal pockets. Describe the clinical and microscopic features of pocket=9m

2. Write short notes on: 4 x 4 =16m; a) Periodontal manifestations of Diabetes Mellitus

b) Osseous Defects c) Wasting diseases of Teeth d) Herpetic Gingivostomatitis

3. Write briefly on: 5 x 2 =10m; a) Pregnancy Gingivitis b) Supracontacts c) Lamina dura

d) Neutrophil e) Stillman's cleft

Part-B

4. Classify bone replacement grafts and describe the merits and demerits of each type=9m

5. Write short notes on: 4 x 4 =16m; a) Periodontal probes b) Local drug delivery systems

c) Supportive periodontal therapy d) Root surface Bio-modification

6. Write briefly on: 5 x 2 =10m; a) Dental Floss b) Gracey curettes c) Root resection

d) Biological Width e) Desensitizing Agents

OCT./NOV.2005 (N.R.)

Part-A

1. Define and classify microbial plaque. Discuss the role of microbial plaque in the etiology of gingival and periodontal disease =9m

2. Write short notes on: 4 x 4 =16marks; a) Methods of collection of Gingival Crevicular fluid (G.C.F.)

b) Dental Floss and technique of flossing c) Area specific curettes d) Guided Tissue Regeneration (GTR.)

3. Write briefly on: 5 x 2 = 10 marks; a) Causes and measurement of tooth mobility
b) Classification of periodontal splints c) Adverse effects of chlorhexidine mouthwash
d) Cytokines e) Necrotizing ulcerative periodontitis (N.U.P.)

Part-B

4. Enumerate the principle groups of periodontal ligament fibres. Add a note on its cellular elements and functions of periodontal ligament = 9 marks
5. Write short notes on: 4 x 4 = 16 marks; a) Ultrasonics in periodontics b) Coronoplasty
c) Periodontal therapy for pregnant patients d) Local drug delivery system
6. Write briefly on: 5 x 2 = 10 marks; a) Trans-gingival probing b) Porphyromonas gingivalis c) Frenectomy
d) Reverse architecture e) Periodontal disease activity

MAR/APR. 2005

Part-A

1. Define osseous surgery. Discuss various osseous grafting procedures = 9 marks
2. Write short notes on: 4 x 4 = 16 marks; a) D.N.A. Probe b) Excisional New Attachment Procedure (ENAP)
c) Localized Aggressive Periodontitis d) Diabetes and Periodontal health

3. Write briefly on: 5 x 2 = 10 marks; a) Finger rest b) Osseo-integration
c) Classification and diagnosis of Trauma From Occlusion (T.F.O.) d) Angiogram
e) Cemento-enamel junction

Part-B

4. Classify gingival enlargement. Discuss the Histopathology and clinical features of drug induced gingival enlargement (DIGO) = 9 marks
5. Write short notes on: 4 x 4 = 16 marks; a) Papilla preservation Flap b) Phase-I therapy
c) Antibiotic prophylaxis for the medically compromised patients d) Periodontal dressing
6. Write briefly on: 5 x 2 = 10 marks; a) Long Junctional epithelium b) Periotemp c) Tension test
d) Classification of Furcation involvement e) Gingival 'Col'

OCTOBER, 2004.

Part-A

1. Define and classify Periodontal Flap. Discuss the modified Widman Flap in detail = 9 marks
2. Write short notes on: 4 x 4 = 16 marks; a) Dento-Gingival Junction b) Hemisection
c) Tooth Brush d) Tetracyclines in Periodontics
3. Write briefly on: 5 x 2 = 10 marks; a) Root conditioning b) Acellular Cementum c) Lamina dura
d) Classification of periodontal pockets e) Actinobacillus actinomycetemcomitans

Part-B

4. Define prognosis. Discuss the various factors you consider to assess the prognosis of periodontally involved teeth. = 9 marks
5. Write short notes on: 4 x 4 = 16 marks; a) Dental implants b) Specific and Non-specific plaque
c) Acute pericoronitis d) Free gingival grafts
6. Write briefly on: 5 x 2 = 10 marks; a) Incidence and Prevalence b) Supra contacts
c) Prostaglandins d) Dentifrice e) Stages of Gingivitis

APRIL, 2003 (NEW REGULATIONS)

Part-A

1. Define and classify dental plaque. Write in detail about its composition and ill effects = 9 marks
2. Write short answers on: 4 x 4 = 16 marks; a) Composition of gingival crevicular fluid
b) Define and classify chronic desquamative gingivitis lesions c) Complement system d) Halitosis
3. Write briefly on: 5 x 2 = 10 marks; a) Classify gingival recession b) Age changes in the periodontium
c) Frenectomy and frenotomy d) Mast cell e) Indications for gingivectomy

Part-B

4. Define Diagnosis. Describe the various microbiologic investigations used in periodontal diagnosis. Add a note on the limitations of radiographs in periodontal diagnosis. = 9 marks
5. Write short answers on: 4 x 4 = 16 marks; a) Drug induced gingival enlargement
b) Define and classify furcation involvements. Enumerate the treatment of grade III involvement.
c) Classify bone graft materials. d) Role of tetracyclines in periodontal therapy
6. Write briefly on: 5 x 2 = 10 marks; a) Periodontal dressings b) Supra contacts c) Steps in resective osseous surgery
d) Stabilization of periodontal instruments e) Dental floss

OCTOBER, 2002

Part-A

1. Define Periodontal ligament. Describe its microscopic features. Add a note on its functions = 9 marks
2. Write short answers on: 4 x 4 = 16 marks; a) Junctional Epithelium b) Concepts of Occlusion

- c) Root surface changes in Periodontal Pocket
 d) Clinical Radiographic features of Localized Juvenile Periodontitis
3. Write briefly on: 5 x 2 = 10m a) A.D.A. specifications of a tooth brush b) Define and classify Splints c) Refractory Periodontitis d) Fenestrations and Dehiscence e) Etiology of Gingival Recession

Part-B

4. Define and classify flaps. Describe in detail the modified Widman Flap Technique = 9 marks
5. Write short answers on: 4 x 4 a) Oral manifestations of H.I.V. infections b) Acquired Pellicle
 c) Maintenance Phase d) Theories of Calculus formation
6. Write briefly on: 5 x 2 = 10m a) Specific Plaque Hypothesis
 b) Enumerate the bone destructive patterns in Periodontal disease
 c) D.N.A. probes d) Indications for Coronoplasty e) Periodontal Abscess

PERIODONTIA – 9th APRIL 2001.

Part-A

1. Define Dental Epidemiology & write in detail about the indices used in assessing Gingival inflammation
2. Short Notes: a) Sub Gingival Calculus b) Stillman's CEFT c) Pregnancy Gingivitis
 d) Hydroxy Appetite e) Sulcular Epithelium f) Disclosing solution 6x5=30

Part-B

3. Define Gingival Bleeding. Write about causes and management of Gingiva Bleeding – 10 marks
4. Short Notes: a) Hail Toss's b) Tunnelling c) Gingivoplasty d) Dental Floss e) Vitamin C
 f) Periodontal disease index = 6x5=30 marks

OCTOBER, 2000.

Part-A

1. Describe the structure and functions of Periodontal Ligament = 10 marks
2. Short notes: a) Aging of Periodontium b) Coronoplasty c) Attrition
 d) Dilantin sodium induced Hyperplasia e) Class-II Furcation f) Periodontal Abscess = 6x5=30m

Part-B

3. Describe in detail the Etiology, clinical features of Acute Necrotising Ulcerating Gingivitis & its treatment
4. Short Notes: a) Juvenile Periodontitis b) Osseous Integration c) Coronally Repositioned Flap
 d) Gingivectomy e) Periodontal Pocket f) Desquamative Gingivitis = 6x5=30 mark

APRIL, 2000.

Part-A

1. Describe the etiology, clinical features and differential diagnosis of acute Herpetic gingivostomatitis. 10
2. Short Notes: a) Attachment of Calculus b) Pregnancy Gingivitis c) Localised Juvenile Periodontitis
 d) Physical functions of Periodontal Ligament e) Materia Alba f) Fenestration = 6x5=30 marks

Part-B

3. Define curettage and describe the indications and technique of subgingival curettage = 10 marks
4. Short Notes: a) Management of Operative Bleeding b) Diabetes mellitus and Periodontal disease
 c) Vestibuloplasty d) Dentrifice e) Root treatment f) New attachment = 6x5=30 marks

8th OCTOBER, 1999.

Part-A

1. Define Gingiva. Describe the Morphological Histological and functional features of normal Gingiva. Add a note on the role of epithelial attachment in periodontal disease = 10 marks
2. Short Notes: a) Leukemic Gingival Enlargement b) High Frenal Attachment c) Bruxism
 d) HIV Periodontitis e) Angular bone defect f) Mast cell = 6x5=30 marks

Part-B

1. Define Prognosis. Write in detail the procedures adopted to assess the prognosis for periodontal treatment
2. Short Notes: a) Kirkland knife b) Dental Floss c) Gingivoplasty d) Osseous Coagulum
 e) Food Impaction f) Hemisection = 6x5=30 marks

10th APRIL, 1999.

Part-A

1. Describe the concept of Physiological tissue form as an essential aspect of periodontal surgery = 10 marks
2. Short Notes: a) Intra Bony defects b) Night guard c) Radisection d) HIV associated Periodontitis
 e) Periodontal abscess f) Angular Bone defect = 6x5=30 marks

Part-B

3. Classify Periodontal instruments and describe any one of them in detail = 10 marks
4. Short Notes: a) Pericoronitis b) Splinting c) Suture materials used in Periodontal surgery
 d) Lymphocyte e) Herpetic Gingivostomatitis f) Polishing Instruments = 6x5=30m

OCTOBER, 1998.

Part-A

1. Define Periodontal Pocket. Classify periodontal pocket. Discuss the pathogenesis and contents of periodontal pocket =10marks
2. Short notes: a) Ideal tooth brush b) Gingival recession c) Desquamative gingivitis d) Dentifrices
e) Bruxism f) Furcation involvement =6x5=30marks

Part-B

3. Describe the etiology, clinical features and treatment of acute necrotising ulcerative gingivitis =10marks
4. Short Notes: a) Resective Osseous surgery b) Coronoplasty c) Nabers probe d) Food impaction
e) Tests for AIDS f) Attachment of Calculus =6x5=30marks

APRIL, 1998.

Part-A

1. Define Gingiva. Describe its macroscopic & microscopic appearance and functions. Add a note on importance of Gingival Fluid =10marks
2. Short Notes: a) Ultrasonics b) Importance of Radiographs in Periodontics c) Overall prognosis
d) Halitosis e) Non Bone graft materials f) Periodontal pack =6x5=30marks

Part-B

3. Describe the general principles you follow during oral prophylaxis =10marks
4. Short Notes: a) Cemento Enamel Junction relationships b) Subgingival plaque c) Periodontal abscess
d) Aphthous ulcer e) Microorganisms in Juvenile periodontitis f) Vestibuloplasty =6x5=30marks

10th OCTOBER, 1997.

Part-A

1. Define Periodontal Pocket. Describe its classification, histopathology, pathogenesis and sequelae =10m
2. Short Notes: a) Drug induced Gingival enlargements b) Arthus Reaction c) Pericoronitis
d) Enzymes in Gingiva e) Management of localized gingival bleeding =6x5=30marks

Part-B

3. Periodontal Health for all by 2000 AD. What do you understand by this statement. How are you going to implement it by systematic manner =10marks
4. Short Notes: a) Prentice's index b) Differences between supra and subgingival calculus c) CPITN d) Biopsy
e) Treatment of ANUG f) Wasting diseases of Teeth =6x5=30marks

APRIL, 1997.

Part-A

1. Describe in detail the role of Alveolar Bone in health and periodontal disease =10marks
2. Short Notes: a) Bruxism b) Halitosis c) Retrograde Periodontitis d) ENAP e) Dehiscence

Part-B

3. Define prognosis. Describe in detail the various factors you consider to assess the prognosis =10marks
4. Short Notes: a) Theories of calculus formation b) Tooth Morbidity c) Periodontal probes
d) Gingival Abscess e) Russell's index f) Oral lesions in Diabetes Mellitus =6x5=30mar

QP.CODE: 426/415

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – APRIL 2025

FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION

PAEDIATRIC & PREVENTIVE DENTISTRY

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

-
- 1) What is behavior management, discuss pharmacological methods of behavior management in pedodontics **2+7=9**
 - 2) Classify fluoride delivery methods for caries prevention, Discuss the preparation, application, mechanism of action, advantages and disadvantages of neutral sodium fluoride solution **4+1+1+1+1+1=9**

WRITE SHORT NOTES ON :

8x4=32

- 3) Bottle feeding habit
- 4) Anterior cross bite
- 5) Pulp tester
- 6) Growth spurts
- 7) Serial extractions
- 8) Dilacerations
- 9) Caries vaccine
- 10) pulpotomy

WROTE BRIEFLY ON :

10X2=20

- 11) Psychodynamic theory
- 12) Dental age
- 13) Natal teeth
- 14) Flush terminal plane
- 15) Composition of LA solution
- 16) Rampant caries
- 17) Periodontium in children
- 18) GIC
- 19) Topical fluorides
- 20) Disclosing agents

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

1) Classify tooth fractures. Discuss management of Ellis class – V (Five) **5+4=9**

2) Discuss various isolation techniques and in detail about Rubber Dam **5+4=9**

WRITE SHORT NOTES ON :

8x4=32

3) ART

4) Oral hygiene measures for handicapped children

5) Mouth guard

6) Space maintainer

7) Pulp polyp

8) Growth curve

9) Nitrous oxide sedation

10) Neonatal teeth

WRITE BRIEFLY ON :

10X2=20

11) Anodontia

12) Scope of pedodontics

13) Ugly duckling stage

14) Pulp testing

15) MTA

16) Sequence of eruption of Primary teeth

17) Diet counseling

18) Sodium fluoride

19) Lip biting habit

20) Mother's presence in the operatory.

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – APRIL , 2022

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY**Time : 3 Hours Max. Marks : 70**

Note : Answer all questions.

2+7=9

- 1) Define normal occlusion. Describe in brief the development of occlusion from 6 to 12 years

4+5=9

- 2) What are the differences between primary and permanent teeth. Discuss their clinical importance

WRITE SHORT NOTES ON:**8x4=32**

- 3) Explain Id, Ego, Super ego
4) Dental HOME
5) Oedipus and electra complex
6) Anterior crossbite
7) Natal and neonatal teeth and its clinical significance
8) Pit and Fissure sealant
9) Nitrous Oxide sedation
10) Enumerate fixed space maintainers; give indications and contraindication for lingual arch space maintainers

WRITE BRIEFLY ON:**10x2=20**

- 11) Indications of GA in pediatric patients
12) Bite wing Radiograph
13) Define handicap child
14) Acidogenic theory
15) Supplementary tooth
16) Enamel conditioning
17) Tests for mouth breathing habit
18) Rubber Dam Napkin
19) Enumerate pulp capping medicaments
20) Hanks Balanced Salt Solution

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – NOVEMBER/DECEMBER , 2022
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

9

- 1) A9 year old child reports with fracture to 11 involving the pulp. What is the treatment plan to be given to this patient.

- 2) What are fluorides? Classify modes of administration of fluorides. Write a note on methods of administering topical fluorides.

2+3+4=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Types of Cry
- 4) Distal shoe space maintainer
- 5) Sigmund Freud's stages of development
- 6) Stainless steel crowns
- 7) Juvenile Periodontitis
- 8) Physical restraints
- 9) Serial Extractions
- 10) Rampant Caries

WRITE BRIEFLY ON:

10x2=20

- 11) MTA
- 12) Classify Nolla's stages of tooth formation
- 13) GIC Classification
- 14) Cariogram
- 15) Key's Triangle in Pedodontics
- 16) Teething
- 17) Masochistic habits
- 18) Munchausen syndrome by proxy
- 19) Ugly duckling stage
- 20) Diet Counseling

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – MAY , 2022

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY**Time : 3 Hours Max. Marks : 70**Note : Answer all questions.

1) Define pulpotomy. Explain various pulpotomy procedures 3+6=9

2) Define behaviour management. Enumerate behavior management techniques. Explain desensitization technique 2+4+3=9

WRITE SHORT NOTES ON:8x4=32

- 3) Explain band and loop appliance
- 4) Child abuse and neglect
- 5) Food pyramid
- 6) Pit and fissure sealants
- 7) Anterior cross bite
- 8) Dental indices
- 9) Thumb sucking habit
- 10) Materials used in pediatric endodontics

WRITE BRIEFLY ON:10x2=20

- 11) Ellis class IX fracture
- 12) APF
- 13) Maxillary second premolar
- 14) Pink tooth
- 15) Physiologic spaces
- 16) Enumerate caries activity test
- 17) Inferior alveolar nerve block
- 18) Eruption sequence and time of primary and permanent tooth
- 19) Minimal Invasive Dentistry
- 20) Oral features of Down's syndrome

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – NOVEMBER , 2021

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY**Time : 3 Hours Max. Marks : 70**

Note : Answer all questions.

- 1) Define and classify habits. Explain in detail about mouth breathing habit and its treatment. $1+3+3+2=9$

- 2) Classify stainless steel Crown's. Mention the indications and discuss the placement of crown in primary tooth $3+2+4=9$

WRITE SHORT NOTES ON: $8 \times 4 = 32$

- 3) Lip bumper
4) Fluoride varnishes
5) Rampant caries
6) Management of child with hemophilia
7) What is TSD technique
8) Write in detail about MTA Indications, contra indications, advantages and disadvantages
9) Fundamentals of behavior management
10) Apexification and Apexogenesis

WRITE BRIEFLY ON: $10 \times 2 = 20$

- 11) Sub luxation
12) Incisal liability
13) Pedodontic treatment triangle
14) Define pedodontics
15) Er-YAG Laser
16) FDI system of tooth identification
17) Lip bites
18) Autism
19) Classify primary teeth molar relationship
20) SLOB rule

Q.P.CODE:426/415

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – FEBRUARY, 2021

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define and classify pulpotomy. Write in detail about formocresol pulpotomy on primary molar 2+3+4=9
- 2) Write Ellis and Davis classification of dental trauma. Discuss in detail the management of Ellis class III fracture in relation to 21 in an 8 year old child 4+5=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Caries activity test
- 4) Dental home
- 5) Anticipatory guidance
- 6) Aversive conditioning
- 7) Growth spurts and growth trends
- 8) Nitrous oxide analgesia
- 9) Distal shoe space maintainer
- 10) Sequelae of trauma to primary dentition

WRITE BRIEFLY ON:

10x2=20

- 11) Xylitol
- 12) Natal teeth
- 13) Causes of enamel hypoplasia
- 14) Storage media for avulsed tooth
- 15) Enumerate various obturating materials for primary teeth
- 16) Masochistic habits
- 17) Ugly duckling stage
- 18) Battered child syndrome
- 19) Ketamine
- 20) Clinical features of juvenile periodontitis

Q.P.CODE:426/415

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – SEPTEMBER, 2020

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Classify Elli's fractures of anterior teeth. Discuss the management of Elli's class 3 fracture of tooth number 21 5+4=9

- 2) Classify theories of child psychology. Describe in detail about psychoanalytical theory with clinical significance 4+5=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Glass Ionomer Cement in Pedodontics
- 4) Millers acidogenic theory
- 5) Dental extraction in a child with haemophilia
- 6) Sugar substitutes
- 7) Genetic counseling
- 8) Remineralizing agents
- 9) Apexification vs Apexogenesis
- 10) Aggressive periodontitis

WRITE BRIEFLY ON:

10x2=20

- 11) Root elongation theory
- 12) Five differences between primary and permanent teeth
- 13) Rampant caries
- 14) Venham's anxiety rating scales
- 15) HOME
- 16) Celluloid crowns
- 17) Molar relationship in Paediatric Dentistry
- 18) Caries vaccine
- 19) Fluoride toxicity
- 20) Diet counseling

Q.P.CODE:426/415

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2020

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define early childhood caries. Describe etiological factors, clinical features and management of same in detail. $2+2+2+3=9$

- 2) Define and classify Habits. Discuss the etiology, clinical features and management of Thumb sucking habit. $1+2+1+2+3=9$

WRITE SHORT NOTES ON:

$8 \times 4 = 32$

- 3) Explain modeling in behavior management
- 4) What are pit and fissure sealants? Mention different materials used for the procedures.
- 5) Class II modifications for primary molars
- 6) Flooding techniques
- 7) Formaldehyde Vs. Glutaraldehyde
- 8) Describe Muller's technique
- 9) What is teething disorder? Explain the management.
- 10) Explain local and systemic factors for delayed eruption of teeth.

WRITE BRIEFLY ON:

$10 \times 2 = 20$

- 11) Primate spaces
- 12) Tongue blade therapy
- 13) Name communicative disorders
- 14) Tooth numbering system
- 15) Different types of matrices used in pediatric dentistry
- 16) Mention advantages of rubber dam application
- 17) Eruption cyst and eruption hematoma
- 18) Early mesial shift and late mesial shift
- 19) Classification and composition of stainless steel crowns
- 20) 'Choking off' mechanism

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – JULY, 2019

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY**Time : 3 Hours Max. Marks : 70**Note : Answer all questions.

- 1) Define space maintainer. Write classification of space maintainers. $1+3+5=9$
Discuss in detail factors considered in planning of space maintainer with premature extraction of deciduous first molar in a 7 year old child.

- 2) Define normal occlusion. Describe the development of occlusion from birth to adolescence. $1+8=9$

WRITE SHORT NOTES ON: $8 \times 4 = 32$

- 3) Pedodontics treatment triangle
- 4) Indications and contraindications of extraction of primary teeth
- 5) Pulp vitality test
- 6) Minimal invasive dentistry
- 7) Mineral trioxide aggregate
- 8) Juvenile Periodontitis
- 9) Nitrous oxide sedation
- 10) Dental considerations for management of an epileptic child

WRITE BRIEFLY ON: $10 \times 2 = 20$

- 11) Types of cry
- 12) Fluoride varnish
- 13) Stoic behaviour
- 14) Diagnodent
- 15) Bite marks
- 16) Mouth guards
- 17) Bitewing radiograph
- 18) Tell show do technique
- 19) Moyers mixed dentition analysis
- 20) Charged couple devices

Q.P.CODE:426/415

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION –JANUARY, 2019

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- | | | |
|----|--|---------|
| 1) | Define growth and development. Write in detail about growth of occlusion from birth to 12 years. | 1+1+7=9 |
| 2) | Discuss various behaviour modification techniques for child management in dental office. | 9 |

WRITE SHORT NOTES ON: _

8x4=32

- | | |
|-----|--|
| 3) | Tongue Thrusting Habit |
| 4) | Preventive Resin Restoration |
| 5) | Psycho-social Theory |
| 6) | Pulpotomy |
| 7) | Role of Pedodontist in a patient with Cleft Lip & Palate |
| 8) | Oral Microflora in children |
| 9) | Autism |
| 10) | Drug dosage in children |

WRITE BRIEFLY ON:

10x2=20

- | | |
|-----|---|
| 11) | School water fluoridation |
| 12) | Leeway Space |
| 13) | Dental Neglect |
| 14) | Lingual Arch Space Maintainer |
| 15) | Teething |
| 16) | Recent advances in detection of dental caries |
| 17) | Sugar Substitutes |
| 18) | Medias used for Avulsed Tooth |
| 19) | Glass Ionomer Cement |
| 20) | Fusion and Gemination |

PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) List the different theories of child psychology with its authors. 3+6=9

Explain learning theories with its applications in pediatric dentistry.

- 2) Define space maintainers. Classify space maintainers. Write a note 2+2+5=9
on bilateral space maintainers.

WRITE SHORT NOTES ON:

8x4=32

- 3) Systematic desensitization
- 4) Localised aggressive periodontitis
- 5) Antibiotic prophylaxis in children
- 6) Indirect pulp treatment
- 7) Developmental anomalies of Teeth
- 8) Masochistic habits
- 9) Bitewing radiograph
- 10) Pulpectomy

WRITE BRIEFLY ON:

10x2=20

- 11) Physical restraints
- 12) Young permanent tooth
- 13) Adenoid facies
- 14) Dental home
- 15) Eruption cyst
- 16) Fluoride varnish
- 17) Indications of stainless steel crown
- 18) Incisal liability
- 19) Turners hypoplasia
- 20) Stoic behaviour

PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define and classify handicapped child. Discuss in detail about the clinical features of Down's Syndrome. 1+3+5=9

- 2) Define Pulpotomy. Describe the indications, contraindications and procedure of pulpotomy on 85. 1+2+2+4=9

WRITE SHORT NOTES ON: _

8x4=32

- 3) Management of Avulsion
- 4) Primate space
- 5) Mouth breathing habit
- 6) Diet counselling
- 7) Behaviour shaping techniques
- 8) Acute Gingival diseases in children
- 9) Mixed Dentition Analysis
- 10) Distal shoe space maintainers

WRITE BRIEFLY ON:

10x2=20

- 11) Critical PH
 - 12) Knutson's Technique
 - 13) Calcium Hydroxide
 - 14) Subacute Bacterial Endocarditis
 - 15) Sequence of Eruption of Deciduous Teeth
 - 16) Gum Pads
 - 17) Dean's Fluorosis Index
 - 18) Matrices used in Pediatric Dentistry
 - 19) Emotional Abuse
 - 20) Pediatric treatment triangle
-

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION –JULY/AUGUST, 2017

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Classify Stainless Steel Crowns. Mention their indications. Give Step wise description of restoration of tooth with it. 3+2+4=9

- 2) Classify traumatic injuries to teeth and supporting structures. Explain Ellis Class IV in detail. 4+5=9

WRITE SHORT NOTES ON: _

8x4=32

- 3) Anxiety Vs Fear
- 4) Pulpotomy medicaments
- 5) Juvenile Periodontitis
- 6) Anterior Cross bite
- 7) Define and classify Pit and fissure sealants
- 8) Local anesthetic drug delivery systems
- 9) Nitrous oxide sedation
- 10) Early childhood caries

WRITE BRIEFLY ON:

10x2=20

- 11) Types of cry
- 12) Anticipatory guidance
- 13) Rampart Caries
- 14) Bite marks
- 15) Food guide pyramid
- 16) Leeway space of Nance
- 17) Ectopic eruption
- 18) Space regainers
- 19) Molar incisor hypomineralization
- 20) Natal and neonatal teeth

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
 BDS DEGREE EXAMINATION –JANUARY, 2017
 FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours
Max. Marks : 70

Note : Answer all questions.

- 1) Classify the modes of fluoride delivery for caries prevention. Write the method of preparation, technique of application, mechanism of action, advantages and disadvantages of neutral sodium fluoride solution. 4+1+1+1+1+1=9

- 2) Define handicapped child. Classify handicapping conditions according to Nowak. Write the oro dental features of cerebral palsy. 2+3+4=9

WRITE SHORT NOTES ON: _

8x4=32

- 3) Self-correcting anomalies during occlusal development
- 4) Growth spurts and their significance
- 5) Contingency management
- 6) Preoperational stage of cognitive development
- 7) Principles of minimal intervention dentistry
- 8) Management of tongue thrusting habit
- 9) Apexification
- 10) Conservative Adhesive Restorations

WRITE BRIEFLY ON:

10x2=20

- 11) Incisal liability
- 12) Diffusion hypoxia
- 13) Objective fear
- 14) Physical restraints for body
- 15) Universal system of tooth notation
- 16) Sequence of primary tooth eruption
- 17) Blanket referral
- 18) Types of stainless steel crowns
- 19) Neurotropism
- 20) Timing of eruption of:
 - a) Permanent maxillary lateral incisor
 - b) Primary mandibular canine

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION –JULY/AUGUST, 2016
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours
Max. Marks : 70

Note : Answer all questions.

1) Define behavior management. Classify behavior management methods and describe Tell-Show-Do technique. 2+4+3=9

2) Write about various isolation techniques and Rubber Dam in detail. 5+4=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Operant conditioning theory
- 4) Procedure for placement of pit and fissure sealants
- 5) Formocresol pulpotomy
- 6) Acidulated Phosphate Fluoride (APF)
- 7) Primary molar relationship
- 8) Indications and contraindications of stainless steel crowns.
- 9) Band and loop space maintainer
- 10) Broadbent's phenomenon

WRITE BRIEFLY ON: 10x2=20

- 11) Nursing bottle caries
- 12) '4S' exercise
- 13) Primate spaces
- 14) Stoic behavior
- 15) Fones' technique
- 16) Composition of glass ionomer cement
- 17) Four clinical features of digit sucking habit
- 18) SLOB rule
- 19) Contraindications for extraction of teeth
- 20) Retro cuspid papilla

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

**BDS DEGREE EXAMINATION – JULY / AUGUST, 2015
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

1) Define special child. Discuss in detail the dental management of cerebral palsy patient 2+7=9

2) Define Pulpotomy and pulpectomy. Enumerate the indications and contraindications of pulpotomy. Describe step by step formocresol pulpotomy procedure 1+1+2+2+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Phases of treatment plan
- 4) Defluoridation
- 5) Operant conditioning theory
- 6) Topical sodium application
- 7) Hand over mouth exercise
- 8) Myofunctional appliances
- 9) Psychic triad
- 10) Space regainer

WRITE BRIEFLY ON:

10x2=20

- 11) Four features of normal gingival in children
- 12) Define behavior shaping
- 13) Armamentarium for stainless steel crown adaptations
- 14) Incipient caries
- 15) White spot lesion
- 16) Four contraindications for direct pulp capping
- 17) Window of infectivity
- 18) Sugar substitutes
- 19) Tongue tie
- 20) Four indications for bite wing radiographs

BDS DEGREE EXAMINATION - JANUARY, 2015
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours
Max. Marks : 70

Note : Answer all questions.

1) Define early child hood caries. Write about diet counseling and diet chart. 2+3+4=9

2) Classify child behavior. Discuss various Non-Pharmacologic ways of child behavior management. 4+5=9

WRITE SHORT NOTES ON: 8x4=32

3) Eruption and shedding sequence of primary teeth

4) Serial extraction

5) Mouth breathing habit

6) Juvenile Periodontitis

7) Direct Vs indirect pulp capping

8) Child abuse and neglect

9) Setup of a Pedodontic clinic

10) Inferior alveolar nerve block in children

WRITE BRIEFLY ON: 10x2=20

11) Ugly Duckling stage

12) Incisal liability

13) Bruxism

14) Apexification

15) Types of cry

16) Eruption Hematoma

17) Fusion

18) Define Oral Habit

19) Diffusion Hypoxia

20) Alban's Test

BDS DEGREE EXAMINATION – JANUARY/FEBRUARY, 2013
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define Pulpotomy. Indications and contra- 1+2+1+3+2=9
 indications in Pulpotomy. Explain Pulpotomy
 procedure and the materials used.

- 2) Define early child hood caries. Describe its 1+2+6=9
 etiology and management of severe early
 childhood caries.

WRITE SHORT NOTES ON:

8x4=32

- 3) Caries assessment tools
- 4) Glass Ionomer Cement
- 5) Midline Diastema
- 6) Obturating materials used in paediatric dentistry
- 7) Hand Over Mouth Exercise
- 8) Apexification
- 9) Morphological differences between primary and
 permanent teeth

- 10) Classical conditioning

WRITE BRIEFLY ON:

10x2=20

- 11) Subjective Fear
- 12) Antibiotic prophylaxis for endocarditis
- 13) Mechanism of action of fluoride varnish
- 14) Give two sugar substitutes for prevention of
 dental caries
- 15) Growth spurt
- 16) Rubber Dam Sheet
- 17) Pedodontic treatment triangle
- 18) Turner's Syndrome
- 19) Causes of gingival hyperplasia
- 20) Clinical features of bruxism

BDS DEGREE EXAMINATION – AUGUST, 2013
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours
Max. Marks : 70

Note : Answer all questions.

- | | | |
|----|--|---|
| 1) | Classify theories of child psychology. Write in detail about the cognitive theory. | 9 |
| 2) | Define and classify space maintainer. Write in detail about the lingual arch space maintainer. | 9 |

WRITE SHORT NOTES ON:

8x4=32

- 3) Luxation injuries and their management
- 4) Defluoridation technique
- 5) Oral hygiene measures for handicapped children
- 6) Tooth preparation for stainless steel crown
- 7) Terminal Plane relationship
- 8) Drugs used for conscious sedation
- 9) Modern trends in preventive dentistry
- 10) Management of single tooth cross bite correction

WRITE BRIEFLY ON:

10x2=20

- 11) Young permanent tooth
- 12) Natal and Neonatal teeth
- 13) FDI system of tooth notation
- 14) Ectopic eruption
- 15) Infected V/s Affected dentin
- 16) KRI Paste
- 17) Mouth Guards
- 18) Willet's Appliance
- 19) Fear in Dentistry
- 20) Oral Screen

426/415-BDS DEG. EXAMINATION – JANUARY/FEBRUARY, 2013-Fourth (nr) & final bds

examination (or & nr)-Paediatric & preventive dentistry-Time: 3 Hrs-Max. Mrks : 70-Answer all

- 1..Define Pulpotomy. Indications and contra- indications in Pulpotomy. Explain Pulpotomy procedure and the materials used=1+2+1+3+2=9m
- 2..Define early child hood caries. Describe its etiology and management of severe early childhood caries=1+2+6=9m

Write Short Notes On: 8 x 4=32m

- 3..Caries assessment tools
- 4..Glass Ionomer Cement
- 5..Midline Diastema
- 6..Obturing materials used in paediatric dentistry
- 7..Hand Over Mouth Exercise
- 8..Apexification
- 9..Morphological differences between primary and permanent teeth
- 10.Classical conditioning

Write Briefly On: 10 x 2=20m

- 11.Subjective Fear
- 12.Antibiotic prophylaxis for endocarditis
- 13.Mechanism of action of fluoride varnish
- 14.Give two sugar substitutes for prevention of dental caries
- 15.Growth spurt
- 16.Rubber Dam Sheet
- 17.Pedodontic treatment triangle
- 18.Turner's Syndrome
- 19.Causes of gingival hyperplasia
- 20.Clinical features of bruxism

426/415-BDS DEG.AUGUST, 2012-Fourth (nr) & final bds examination (or & nr)-Paediatric

- 1..Define Habit. Classify habits and write about thumb sucking habit=2+3+4=9m
- 2..Write about various Isolation techniques and in detail about Rubber Dam=4+5=9m

Write Short Notes On: 8 x 4=32m

- 3..Sterilization and Disinfection
- 4..Topical fluorides
- 5..Defence mechanism of saliva.
- 6..Plaque control
- 7..Teething Disorder
- 8..Distal shoe space maintainer
- 9..Ellis and Davey's classification of tooth fractures.
- 10.Young Permanent teeth.

Write Briefly On: 10 x 2=20m

- 11.Oedipus complex.
- 12.Occlusal Splints
- 13.Tell Show Do
- 14.Hank's Balanced Salt Solution (HBSS)
- 15.Talon's cusp.
- 16.Indirect Pulp capping
- 17.Critical PH
- 18.Catalan's Appliance
- 19.FDI system of tooth notation
- 20.Diet Diary.

426-FOURTH BDS (N.R) DEG. EXAM-MARCH, 2012-PAED. & PREVEN. DENTISTRY

- 1..A 7 year old child reported with trauma on the central incisor. Explain the investigations and treatment options based on your diagnosis=9m
- 2..Define early childhood caries. Write a note on window of infectivity. Explain the stages and management of ECC=9m

Write Short Notes On: 8 x 4=32m=3. Management of hemophiliac child

4. Serial extraction
5. Maternal influences on child's personality
6. Preventive resin restorations
7. Dental fear
8. Mixed dentition analysis
9. Psychic triad
- 10.Functional matrix theory
- Write Briefly:10 x 2=11.School water fluoridation
- 12.Relative analgesia
- 13.Broadbent phenomenon
- 14.Mandibular primary first molar
- 15.Stephan's curve
- 16.Caries assessment tool
- 17.Dentifrices for children
- 18.Masochistic habits
- 19.Glutaraldehyde
- 20.Diet diary

415-FINAL BDS (O.R) DEG. EXAM-JAN., 2012-PAEDIATRIC & PREVEN. DENTISTRY

- 1..Define space maintainers and space management. Classify space maintainers. Write in detail about eruption guidance appliance=9m
- 2..Define behaviour management. Enumerate the fundamentals of behaviour management techniques and explain aversive conditioning in detail=9m

Write Short Notes On: 8 x 4=32m

- 3..Autism
4. Apexification vs Apexogenesis
5. Bitewing radiographs
6. Nitrous oxide sedation
7. Pit and fissure sealants
8. Treatment of avulsion of permanent teeth
9. Cleft lip and palate
- 10.Treatment of thumb sucking habit

Write Briefly On:10 x 2=20m

- 11.Non-accidental injury
- 12.Leeway space of Nance
- 13.Knutson's technique
- 14.Restricting
- 15.Dental home
- 16.MTA
- 17.Phenytoin induced gingival overgrowth
- 18.Scammon's growth curve
- 19.Pediatric dentistry treatment triangle
- 20.Features of primary dentition

426/415-FINAL BDS DEG. EXAMINATION-JULY, 2011-PAED. & PREVEN. DENTISTRY

1..Enumerate the different theories of child psychology. Explain the different stages of Jean Piaget's Cognitive theory in detail=3+6=9m

2..Define habits. Classify habits. Explain in detail mouth breathing habit and its treatment?=2+2+5=9m

Write Short Notes On: 8 x 4=3..Down syndrome 4..Stainless steel crown 5..Fluoride varnishes

6..Anterior crossbite 7..Pulpotomy 8..Ellis Davey Classification

9..Distal shoe space maintainer 10.Nursing bottle caries

Write Briefly On: 10 x 2 =20m

11.Munchausen syndrome by proxy 12. Late mesial shift 13. Fones technique 14. SLOB rule

15. Anticipatory guidance 16. Glass ionomer cement 17. Acute herpetic gingivostomatitis

18. FDI system of tooth identification 19. Tunnel cavity preparation 20. Growth spurts

415-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2011-PEDODONTICS

1..Define and classify space maintainers. What are the factors considered before planning for space maintainers? Write in detail about distal shoe space maintainer.

2..Classify Elli's Fractures of anterior teeth. How would you manage clinically Elli's class 3 fracture of 21?

Write Short Notes On: 8X 4 =32m

3..Management of hemophilic child in dental office 4..Anterior aesthetic restorative materials

5..Caries activity tests 6..Formocresol Pulpotomy 7..Fluoride varnishes

8. Natal and Neonatal teeth 9. Self correcting anomalies

10.Indications, contraindications and complications of Extractions in children

Write Briefly On: 10 x 2=11..Polycarbonate crowns 12. Masochistic habits 13. T- Band

14. Skeletal age Vs Dental age 15. T S D technique 16. Talon cusp 17. Preventive Resin Restoration

18.Different types of cry 19. Diet analysis of sugar exposure 20. Incisor liability

415-FINAL BDS DEGREE EXAMINATION – JULY, 2010-PEDODONTICS

PART-A

1. Define preventive orthodontics. Classify space maintainers. Enumerate their indications and contra-indications. Describe the various fixed space maintainers=2+2+2+3=9m

Write Short Notes On=4x4=2. Caries Risk Assessment 3. Materials used for pulpotomy

4. Juvenile periodontitis 5. Glass Ionomer cement in pedodontics

Write Briefly On:=5x2=6. Obturator 7. AIDS in children 8. Bruderold's technique

9. Gebner's space regainer 10. Choking off phenomenon

PART-B

11. Classify stainless steel crowns. Mention their indications. Give stepwise description of restoration of a tooth with it.=9m

Write Short Notes On=4x4=16m

12. Infant oral health care 13. Cerebral palsy 14. Pulpotomy 15. Myofunctional appliance

Write Briefly On=5x2=10m

16. Disclosing solution 17. Semi permanent restoration 18. Emotional abuse

19. Molar relationship in pediatric dentistry 20..Caries tetralogy

415-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2010-PEDODONTICS

PART-A

1. Define serial extraction. Describe indications, contra-indications and various methods used for serial extraction=9m

Write Short Notes=4x4=2. Lingual arch space maintainer 3. Rampant Caries 4. Trisomy 21

5. Fluoride varnish

Write Briefly On=5x2=6. Ugly duckling stage 7. Primate space 8. Tell-show-do technique

9. Pre-eruptive caries 10.Types of fear

PART-B

11. Define and classify oral habits. Discuss thumb sucking habit, its effect on oro-facial complex and its management=9m

Write Short Notes On:=4x4=12. Caries susceptibility test

13. Step by step analysis of occlusion in a 4 year old child 14. Prophylactic odontomy

15. Contingency management

Write Briefly On=5x2=16. Diet counseling 17. Psychic triad 18. Orthopantomograph

19. Communication 20. Riga-Fede's disease

415-FINAL BDS DEGREE EXAMINATION – AUGUST, 2009-PEDODONTICS

PART-A (35 MARKS)

1. What is Behaviour Management? Explain it's importance in Pedodontics. Describe in detail the techniques employed in treating an apprehensive 4 year old child=9m

Write Short Notes On: 4 x 4=16m

2. Amelogenesis Imperfecta. 3. Oral screen 4. Inferior alveolar nerve block in children
5. Removable space maintainer.

Write briefly on: 5 x 2=6. Pediatric treatment triangle 7. Bite wing radiograph 8. Teething

9. Personal Protective Barrier 10. Flush Terminal Plane

PART-B(35 MARKS)

11. Classify trauma to anterior teeth according to Ellis of Davey. How will you manage a class III fracture involving maxillary central incisors in a 8 year old child.=9m

Write short notes on: 4 x 4 =16m

12. APF gel. 13. Acute Necrotising Ulcerative Gingivitis 14. Nitrous Oxide Sedation
15. Apexification.

Write briefly on: 5 x 2 =16. Microdontia 17. Leeway Space

18. Chronology of permanent teeth eruption. 19. Clinical features of Juvenile Periodontitis
20. Incipient caries.

415-FINAL BDS DEGREE EXAMINATION – MARCH, 2009-PEDODONTICS

PART –A

1. Enumerate various theories of child psychology and describe in detail psychosexual theory=9m

Write Short Notes On: =4x4=2. HOME 3. Plaque control methods in children

4. Frankel's behaviour rating scale 5. Stainless steel crown

Write Briefly On:= 5x2=6. Obturating materials used in primary teeth 7. Incisal liability

8. Bitewing radiograph 9. Thumb sucking 10. Cry

PART-B

11. Describe and classify handicapped child. Describe management of a child with epilepsy=9m

Write Short Notes On:= 4x4=12. Formocresol pulpotomy 13. Developmental anomalies of teeth 14. Juvenile periodontitis 15. Rampant caries

Write Briefly On:= 5x2=16. Classify behaviour of a child 17. Stimulus response theory

18. Leeway space of nance 19. Demineralisation / Remineralisation 20. Critical PH

415 Final BDS DEGREE EXAMINATION – AUGUST/SEPTEMBER, 2008-PEDODONTICS-

PART –A

1. How do you manage a physically handicapped child in your dental clinic=9m

Write Short Notes On: =4X4=2. Management of multi surface caries in primary molars

3. Pit and Fissure Sealants 4. APF GEL 5. Intelligent Quotient (I.Q.)

Write Briefly On=5X2=6. Subjective Fear 7. Fluor protector 8. Glutaraldehyde 9. Tell show do 10. Diffusion Hypoxia

PART-B

11. Define Pulpotomy. Indications and contraindications for pulpotomy. Explain formocresol pulpotomy procedure=9m

Write Short= 4X4=12. Primate spaces 13. Functional Matrix Theory 14. Herpetic Gingivo Stomatitis
15. Papillon Lefèvre Syndrome

Write Briefly On:= 5X2=16. Talon Cusp 17. Types of cerebral palsy 18. First Dental visit

19. Riga-Fede's disease 20. Midazolam

415-Final BDS DEGREE EXAMINATION – MARCH, 2008-PEDODONTICS

PART –A

1. Classify traumatic injuries of teeth. Write about management of Root fractures=9m

Write Short Notes= 4x4=2. Tanaka Johnson analysis 3. Wright's classification of child behaviour

4. Distal shoe space maintainer 5. Formocresol Pulpotomy

Write Brief Notes On:= 5x2=10m=6. Flush Terminal Plane 7. Id 8. Duraphat 9. Keyes triad

10. Hank's Balanced Salt Solution (HBSS)

PART - B

11. Classify behaviour management techniques. Explain how you would manage a 5½ year old boy

exhibiting temper tantrums=11m

Write Short Notes On:= 4x4=16m=12. Glass ionomer cements 13. Acidogenic theory

14. Medical immobilization 15. Classical conditioning

Write Brief Notes On:= 5x2=10

16. Maternally derived streptococcus mutans disease 17. Define early childhood caries

18. Bitewing Radiographs 19. Enamel Hypoplasia 20. Sodium Fluoride

415A-OR-FINAL B.D.S DEGREE EXAMINATION –OCTOBER, 2007-PEDODONTICS

Part-A

1. Define conscious sedation. Describe in detail the nitrous oxide-oxygen sedation procedure =9m

Write short notes on: 4 x 4 =16m; 2. Id. Ego and Super ego 3. Correction of anterior cross bite

4. Early and late mesial shift 5. Moyers mixed dentition analysis

Write briefly on: 5 x 2 =10m; 6. Natal teeth 7. Voice control 8. Midline diastema 9. Bruxism 10. Autism

Part-B

11. Classify space maintainers. Write an appropriate treatment planning for a child aged 5 years with loss of all the four primary first molars=9m

Write short notes on: 4 x 4 =16m; 12. Calcium Hydroxide 13. Pedodontic treatment triangle

14. Preventive resin restorations 15. Dental Home

Write briefly on: 5 x 2 =10m; 16. Strip crowns 17. Turner's Tooth 18. Define habit and rampant caries

19. Anticipatory guidance 20. Formocresol

APRIL, 2007

PART –A

1. Describe the role of topical fluorides in prevention of dental caries. 10

2. Write short notes: 6x5=a) Natal and neonatal teeth b) Mouth breathing c) Lingual arch space maintainer

d) Tetracyclins e) Cavity varnish f) Tongue blade therapy

PART - B

3. Describe oral habits ? Classify them ? Describe the effects of thumb sucking.

4. Write short notes on: 6x5=a) Down syndrome b) Eruption Hematoma c) Fluoride varnishes

d) Fractures of anterior teeth (as per Ellis and Davis)

e) Distal step, mesial step and flush terminal plane f) Tell show do

OCTOBER-2006 – N.R.

Part-A

1. Describe the management of deep carious lesion of tooth No.46 in seven year old child=9m

2. Write short notes on: 4 x 4 =16m; a) Operant conditioning b) Tooth colored restorations

c) Brushing and flossing for children d) Removable space maintainers

3. Write short notes on: 5 x 2 =10m; a) Mulberry molars b) Reinforcers c) Natal and neonatal teeth

d) Ellis class 5 injury e) Tongue blade therapy

Part-B

4. Discuss recent concepts on interceptive orthodontics for children=9m

5. Write short notes on: 4 x 4 =16m; a) Dental management of child with epilepsy

b) Anomalies of the number of teeth c) Ellis and Davey classification d) Fluoride varnishes

6. Write briefly on: 5 x 2 =10m; a) Primary molar occlusions b) Turner's hypoplasia

c) Formocresol d) Clotrimazole e) Premedication

APRIL-2006 (N.R.)

Part-A

1. Discuss history taking, clinical examination and diagnosis of trauma to anterior teeth=9m

2. Write short notes on: 4 x 4 =16m; a) Transient Malocclusion

b) Applied Morphology of primary and permanent molar teeth

c) Zones of dental caries in enamel and dentin d) Acute necrotizing ulcerative gingivitis

3. Write briefly on: 5 x 2 =10m; a) Definitions of Handicapped child b) Gemination and fusion

c) Superego d) Young's Rule e) Ataxia

Part-B

4. Discuss the role of learning theories in management of children in dental office=9m

5. Write short notes on: 4 x 4 =16m; a) Preventive Resin Restorations b) Indirect Pulp Capping

c) Bitewing Radiography for children d) Cross Bite in Anterior Teeth

6. Write briefly on: 5 x 2 =10m; a) De emphasis b) Palliatives c) Proximal slicing of primary teeth

d) Intrusive luxation

e) Non accidental injury

OCT./NOV.2005 (N.R)

Part-A

1. Define handicap child. How will you manage a physically handicapped child in your dental clinic =9m
2. Write short notes on: 4 x 4 =a) Pulpectomy b) Mumps c) Tongue Thrusting d) Space retainer
3. Write short notes on: 5 x 2 =10marks; a) Eruption Cyst b) Tell Show Do (TSD)
c) Chronology of Primary Teeth d) Midline diastema e) Early childhood caries

Part-B

4. Classify traumatic injuries to anterior teeth. Briefly explain the treatment for coronal fracture involving dental pulp =9marks
5. Write short notes: 4 x 4=a) Natal and Neonatal teeth b) Mouth breathing c) Nursing bottle caries
d) Glass ionomer cements
6. Write briefly on: 5 x 2 =10marks; a) Teething disorders b) Leeway space c) Fusion and germination
d) Ankylosis e) Teeth present in the jaw at birth

MAR/APR.2005

Part-A

1. Describe psychological development of child from birth through adolescence =9marks
2. Write short notes on: 4 x 4 =16marks; a) Obturating materials for primary teeth
b) Inferior alveolar nerve block in a 5 years old child c) Normal cure d) Audio Visual aids
3. Write briefly on: 5 x 2 =10marks; a) Talon's cusp b) Clinical features of juvenile periodontitis
c) Tongue blade therapy d) Bredevold solution e) Dental flossa

Part-B

4. Define rampant caries, describe the etiology, clinical features and management of the same =15marks
5. Write short notes on: 4 x 4 =16marks; a) Hormones influencing growth b) Indications of serial extractions
c) Pit and fissure sealants d) Incisal labiality
6. Write briefly on: 5 x 2 =10m; a) Vestibular Screen b) Dilanten Sodium c) Eruption Gingivitis
d) Fenestration e) Twinning

OCTOBER, 2004.

Part-A

1. Define and classify space maintainers. Write in detail about distal shoe space maintainer.=9m
2. Write short notes on: 4 x 4 =16marks; a) Stainless steel crowns b) Formacresol pulpotomy
c) Ugly duckling stage d) Fear
3. Write briefly on: 5 x 2 =10marks; a) Gumpads b) Oedipus conflict and Electra conflict
c) Incisal liability d) Bitewing Radiograph e) Thumb sucking

Part-B

4. What is the difference between Apexogenesis and Apexification ? Explain in detail =9marks
5. Write short notes on: 4 x 4 =16marks; a) Dento alveolar abscess b) Glass ionomer cements
c) Pulp vitality tests d) Mamelons
6. Write briefly on: 5 x 2 =10marks; a) Eruption Gingivitis b) Mesiodens
c) Intrinsic stains d) Turner's Hypoplasia e) Cavity Varnish

APRIL, 2003 (NEW REGULATIONS)

Part-A

1. Classify Periodontal diseases in children and adolescents. Discuss localized aggressive periodontitis=9
2. Write short notes on: 4 x 4 -a) Gum pads b) Mouth breathing c) Retraining d) Stainless steel crows
3. Write briefly on: 5 x 2 =10m a) Pink tooth b) Electrosurgical pulpotomy
c) Nerve supply of tooth No.26 (FDI) d) Thixotropic gel e) Natal teeth

Part-B

4. Enumerate various pulpal therapy procedures. Discuss apexification procedure and the type of apex closure with the same. =9marks
5. Write short notes on: 4 x 4 =16m a) Atraumatic restorative technique (ART) b) Sugar substitutes
c) Radiation protection for child patient d) Athetosis
6. Write briefly on: 5 x 2 =10m a) Oedipus complex b) Canine relationships
c) Indications of band and loop space maintainer d) Critical periods e) Scope of pedodontics

MARCH/APRIL, 2003 (OLD REGULATIONS)

Part-A

1. Classify periodontal disease in children and adolescents. Discuss localized aggressive periodontitis. =10m
2. Write short notes on: 6 x 5 - a) Gumpads b) Mouth breathing c) Retraining d) Stainless steel crowns
e) Electrosurgical pulpotomy f) Natal teeth

Part-B

1. Enumerate various pulpal therapy procedures. Discuss apexification procedure and the type of apex closure with the same =10marks
2. Write short notes on: 6 x 5 - a) Atraumatic restorative technique b) Sugar substitutes
c) Radiation protection for child patient d) Athetosis e) Canine relationships f) Scope of pedodontics

(Old Regulations) - OCTOBER, 2002

Part-A

1. Describe the role of systemic fluorides in prevention of dental caries =10marks
2. Write short notes on: 6 x 5 - a) Poly Carbosylate crowns b) Teeth present in the jaw at birth
c) Formacresol Vs. glutaraldehyde d) Tunnel preparation e) Physical restraints f) Stainless steel crowns

Part-B

3. Define Pedodontics? Scope and importance of Pedodontics =10marks
4. Write short notes on: 6 x 5 =30m a) Delayed eruption of teeth b) Modelling c) Teething disorders
d) Fit and fissure sealants e) Pulp capping f) Supernumerary teeth

(OLD REGULATIONS) - 16th APRIL, 2001.

Part-A

1. Discuss various behavioral management of a 4 year old child throwing temper-tantrums =10marks
2. Short Notes: a) Glutaraldehyde b) Polycarbonate crowns c) Glass-Ionomer cements d) Leeway space
e) Distal shoe space maintainer f) Keyes's triad =6x5=30marks

Part-B

3. Classify the injuries to anterior teeth (any one classification) and discuss in detail the management of traumatized permanent central incisor in a 7 year old child with pulpal involvement =10marks
4. Short Notes: a) Thumb sucking b) Fluoride mouthwashes c) Primate spaces d) Enamel hypoplasia
e) Dentin bonding agents f) Ugly duckling stage =6x5=30marks

18th OCTOBER, 2000.

Part-A

1. What are different handicapping conditions? Discuss clinical features, and problems in the management of a child with cerebral palsy =10marks
2. Short Notes: a) Tell-Show-Do b) Compomers c) Band and Loop space maintainer
d) High copper amalgam e) Cerebral palsy f) Sugar substitutes =6x5=30marks

Part-B

3. Define 'diet' and 'nutrition' Discuss the role of dietary carbohydrates in dental caries formation =10marks
4. Short Notes: a) Fluoride varnish b) Snyder test c) Dens-in-denta d) Voice control
e) Management of Ellis Class-II fracture f) Importance of first permanent molar =6x5=30marks

PEDODONTICS WITH PREVENTIVE DENTISTRY (OLD REGULATIONS) - APRIL, 2000.

Part-A

1. What are the fissure sealants? Enumerate in detail their importance, indications, contra-indications and their method of application =10marks
2. Short Notes: a) Pulp capping agents b) Apexification c) Ugly suckling stage d) Staining of teeth
e) Modelling f) Importance of Dental Health Education =6x5=30marks

Part-B

3. What is behavior management? How will you manage a fearful child of two years, using different behavior modification techniques =10marks
4. Short Notes: a) Fluoride varnishes b) Role of Tooth brushes c) Masochistic habits
d) Baby Bottle syndrome e) High copper alloys f) Acute Herpetic Gingivostomatitis =6x5

PEDODONTICS - 13th OCTOBER, 1999.

Part-A

1. Define Pulpotomy. Give indications and contra-indications. Describe histological picture of the dental pulp after a glutaraldehyde Pulpotomy. Why is glutaraldehyde preferred over formocresol, for the same
2. Short Notes: a) Teething b) Diazepam c) Stannous fluoride d) Indirect pulp capping

- e) Aversive conditioning f) Periodontium in children =6x5=30marks

Part-B

1. Define Dentrifice. Give composition of the same. Discuss mechanical & chemical methods of plaque control
2..Short Notes: a) Band and loop space maintainer b) Tooth numbering systems c) Nursing caries
d) Herpetic gingivitis e) Down's syndrome f) Herpetic gingivitis =6x5=30marks

PEDODONTIAL WITH PREVENTIVE DENTISTRY - 15th APRIL, 1999.

Part-A

1. Define and classify fear. Describe the methods of management of child in dental office =10marks
2. Short Notes: a) Space management b) Isolation c) Mouth Protectors d) Sampling methods
e) Evaluation f) Pulp capping agents =6x5=30marks

Part-B

3. Define and classify oral habits. Describe the management of mouth breathing and thumb sucking =10m
4. Short Notes: a) Rules governing caries indices b) Measles c) Mass media d) Caries susceptibility tests
e) Sweet Formacresol Pulpotomy f) Ugly duckling stage =6x5=30marks

PEDODONTIA - 15th APRIL, 1999.

Part-A

1. Classify Traumatic injuries to Anterior teeth (Ellis). A 7 and half year old child reports with trauma to the permanent left maxillary central incisor or sustained while playing. Pulpal exposure is evident, clinically. Discuss line of treatment=10m
2. Short Notes: a) Lincoxide Eugenol cement b) Sodium Fluoride c) Thumb sucking habit d) Spider's test
e) Nitrous-oxide oxygen Analgesic f) Apergenesis =6x5=30marks

Part-B

3. Define Pit and Fissure sealants. Discuss evolution of the same. Discuss steps involved in the procedure and justify each in brief =10marks
4. Short Notes: a) Intrinsic stains b) Chronology of eruption c) Amelogenesis Imperfecta d) TSD
e) Serial extraction f) Fluoride varnishes =6 x 5 =30marks

(OLD REGULATIONS) - 14th OCTOBER, 1998.

Part-A

1. Describe the Psychological development of child from birth to Adolescent =10marks
2. Short Notes: a) Indirect pulp capping b) Bitewing Radiographs c) Sequence of Eruption of Permanent teeth
d) Space Regainer e) Matrices used in Pediatric dentistry f) Path finder survey =6x5=30m

Part-B

3. Define Rampant caries? How will you manage the same =10marks
4. Short Notes: a) Ellis classification of fracture of anterior teeth b) Leeway space c) Submerged teeth
d) Levels of prevention e) Normal distribution f) Self correcting anomalies =6x5

(NEW REGULATIONS) - 14th OCTOBER, 1998.

Part-A

1. Discuss the causes of pain in children and write the methods and agents for controlling fear and pain in child dental patient=10marks
2. Short Notes: a) Specific effects of premature tooth loss b) Apexification c) Fissure sealants
d) Ugly duckling stage e) Glassionomer cement
f) General principles of periodontal conditions in children =6x5=30marks

Part-B

3. Classify cleft lip palate. Write briefly their pathogenesis, epidemiology, etiology and dental treatment =10
4. Short Notes: a) Down's syndrome b) Amelogenesis imperfecta c) Oral guards d) AIDS in children
e) Forces method of tooth brushing f) Erythroblastosis foetalis =6x5=30marks

APRIL, 1998.

Part-A

1. What are the indications for space maintainers and describe briefly the various types of the same =10mark
2. Short Notes: a) Tooth brushing technique in children b) Mouth Breathing c) A.P.F. Gel
d) Parent counseling e) Splints f) Nursing Bottle caries =6x5=30marks

Part-B

3. A 9 year old child sustained fracture of upper right central incisor. The fracture involved enamel and endentine but without pulp exposure. Discuss your immediate, intermediate and permanent treatment for the patient =10marks
4. Short Notes: a) Tongue thrusting b) Ugly duckling stage c) Calcium Hydroxide d) Pit & Fissure sealant
e) Pigmentation in tetracycline therapy f) Bite-wing radiographs =6x5=30marks

OCTOBER, 1997.

Part-A

1. Discuss in detail the use of systemic fluorides for the prevention of Dental caries in children =10marks
2. Short Notes: a) Glass Ionomer cements b) Caries activity tests c) Importance of deciduous dentition
d) Fear in Pedodontia e) Child abuse =5x5=25marks

Part-B

3. A child of 6 years has an abscess associated with lower left first deciduous molar, which is non vital. The second deciduous molar on the same side has a vital carious exposure. Discuss your line of treatment =10
3. Short Notes: a) Prophylactic odontotomy b) Teething c) Juvenile periodontitis d) Apexification
e) Primary prevention f) Occlusion in deciduous dentition =6x5=30marks

APRIL, 1997.

Part-A

1. Describe the role of Tropical Fluorides in prevention of Dental caries =10marks
2. Short Notes: a) Modelling b) Pedodontic Triangle c) Natal, neonatal Teeth d) Physical Restraints
e) Panel discussion

Part-B

3. Class II Amalgam restoration is a failure in primary second molar – Discuss =10marks
4. Short Notes: a) Measures of Central Tendency b) Path finder survey c) Askou Dental Health Education
d) Tongue Blade therapy e) Stainless steel crowns f) Thumbsucking =6x5=30marks

QP.CODE: 427/411

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – APRIL 2025

FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

1) Define occlusion in orthodontics, what are the stages of occlusal development? Explain the changes taking **2+2+5=9**

2) Enumerate slow and rapid expansion, indications, contra indications and appliances used. **3+2+2+2=9**

WRITE SHORT NOTES ON :

8x4=32

- 3) Quad helix appliances
- 4) Distal shoe space maintainer
- 5) Korkhaus analysis
- 6) Bioelectric theory
- 7) Need for retention
- 8) Clinical examination of an orthodontics patient
- 9) Adams Clasp
- 10) Mouth breathing

WRITE BRIEFLY ON :

10X2=20

- 11) Edward Hartley Angle
- 12) Pseudo class III Malocclusion
- 13) Centre of rotation
- 14) Split labial bows
- 15) Annealing
- 16) Reference planes used in cephalometrics
- 17) Remodeling
- 18) Puberty
- 19) Chin cap
- 20) Management of anterior cross bite

QP.CODE: 427/411

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – OCTOBER 2024

FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

-
- | | | |
|--------------------------------------|--|----------------|
| 1) | Write the importance of knowing the stage of growth in orthodontics. What is growth spurt and write the approximate age at which different growth spurts manifest? Write the modes of assessing skeletal age using a hand-wrist radiograph | 3+3+3=9 |
| 2) | Differentiate between dental and skeletal malocclusion. Write the clinical features of skeletal class II malocclusion. Write the various treatment options for skeletal class II malocclusion- according to the age of patient and according to the type of class II skeletal discrepancy. | 2+3+4=9 |
| <u>WRITE SHORT NOTES ON :</u> | | 8x4=32 |
| 3) | Median diastema | |
| 4) | Tweeds triangle- cephalometric analysis | |
| 5) | Undermining resorption | |
| 6) | Importance of clinical case records in orthodontics | |
| 7) | Oral screen | |
| 8) | Therapeutic extractions | |
| 9) | Different forms of stainless steel, their properties and uses in orthodontics | |
| 10) | Anchorage | |
| <u>WRITE BRIEFLY ON :</u> | | 10X2=20 |
| 11) | Jackson's Traid | |
| 12) | Uses of intra oral periapical view radiograph in orthodontics | |
| 13) | Clinical features of skeletal class III malocclusion | |
| 14) | Differences between soldering and welding | |
| 15) | Buccal canine retractor | |
| 16) | Lip bumper | |
| 17) | Appliances for correction Deep Bite | |
| 18) | Components of Fixed appliance | |
| 19) | Classification of springs used in removable orthodontic appliances | |
| 20) | Tipping type of orthodontic tooth movement. | |

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

4+3+2 =9M

1. What are myofunctional appliances? Describe about functional regulator and its types
2. Define growth and development? Enumerate on pre and postnatal development of mandible. **2+7 =9M**

WRITE SHORT NOTES ON

8X4 =32M

3. Types of tooth movement
4. Bakers anchorage
5. Serial extractions
6. Functional matrix hypothesis
7. Implants in orthodontics
8. Nasoalveolar moulding
9. Muscles of mastication
10. Diffence between rapid palatal expansion and slow palatal expansion

WRITE BRIEFLY ON:

10X2 = 20M

11. Proximal stripping
12. What happens in the lag phase of tooth movement
13. Permanent Retention
14. Pericision
15. Midline Diastema
16. Flush terminal plane
17. Safety valve mechanism in orthodontics
18. Gaththostatic models
19. Types of facial divergence
20. Z spring

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – NOVEMBER/DECEMBER, 2022
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

-
1. Classify Diagnostic aids in orthodontics. Discuss various maturity indicators **4+5 =9M**
 2. What are removable appliances? List their components. Describe the design and modifications of Adams clasp. **5+4 =9M**

WRITE SHORT NOTES ON

8X4 =32M

3. Growth site VS Growth centre
4. Intermittent orthodontic force
5. Self correcting anomalies during development of occlusion
6. Moyer's mixed dentition model analysis
7. Iatrogenic effects of orthodontic treatment
8. Oral screen
9. Steiner's skeletal analysis
10. Pressure tension theory of orthodontic tooth movement

WRITE BRIEFLY ON :

10X2 = 20M

11. Cephalometrics in orthodontics
12. Drawbacks of angles classification of malocclusion
13. Lip bumper
14. Correction of developing anterior cross bite
15. VTO (Visual Treatment Objective)
16. Coffin spring
17. Retainers
18. Edwards procedure
19. Spot welding
20. Clinical features of class II division 1 malocclusion

Q.P.CODE:427/411

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – MAY, 2022
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

1. Define and classify anchorage. Elucidate the sources of intraoral anchorage. **1+3+5 =9M**
2. Enumerate the theories of growth and discuss about functional matrix hypothesis **5+4 =9M**

WRITE SHORT NOTES ON

8X4 =32M

3. Akerman and profit classification
4. Role of X-rays in orthodontics
5. Cervical vertebrae as a maturity indicator
6. Tanaka Johnston analysis
7. Micro implants in orthodontics
8. Methods of gaining space
9. Midline diastema
10. Theories of retention

WRITE BRIEFLY ON :

10X2 = 20M

11. Trajectories of maxilla
12. Canine retractors
13. Kernahan's stripped Y classification
14. Undermined resorption
15. Procedures undertaken in interceptive orthodontics
16. Reverse pull headgear
17. Slow maxillary expansion
18. Jackson's Trad
19. Tweeds triangle
20. Components of fixed orthodontic appliance.

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – NOVEMBER, 2021
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

1. What are the etiological factors and clinical features of class II division I malocclusion and discuss about the management of class 2 division 1 malocclusion 2+3+4 =9M
2. Write about the development of dentition, intra arch and inter arch tooth relationships from 6th to 12th year of a Childs life. 3+3+3 =9M

WRITE SHORT NOTES ON 8X4 =32M

3. Arch perimeter analysis
4. Methods of reinforcing anchorage
5. Phases of deglutition
6. Steiners analysis
7. Space mainitainers
8. Stress strain curve
9. Bonding in orthodontics
10. Role of orthodontist in managing a cleft lip and palate patient

WRITE BRIEFLY ON : 10X2 = 20M

11. Frenectomy
12. 18-8 stainless steel
13. Jasper jumper
14. Pseudo class III
15. Tension and pressure zone
16. Visual treatment objectives (VTO)
17. Roberts retractor
18. Gnathostatic models
19. Endochondral ossification
20. Primate spaces

Q.P.CODE:427/411

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – FEBRUARY, 2021

FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Discuss slow and rapid expansion, their indications, contra indications and appliances used 3+2+2+2=9
- 2) Discuss various diagnostic aids in orthodontics, clinical examination and case history record in orthodontics. 4+2+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Mouth breathing habit
- 4) Concept of differential growth
- 5) Diagnosis and management of posterior crossbite
- 6) Down's analysis
- 7) Theorem of retention
- 8) Types of tooth movement
- 9) Post-natal growth of maxilla
- 10) Methods of gaining space

WRITE BRIEFLY ON:

10x2=20

- 11) Jackson's triad
- 12) Vestibular screen
- 13) Gum pads
- 14) Centre of resistance
- 15) Modifications of Adam's clasp
- 16) Spot welding
- 17) Use of elastics in orthodontics
- 18) Tongue blade therapy
- 19) Secondary cartilage
- 20) Proximal stripping

Q.P.CODE:427/411

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – SEPTEMBER, 2020

FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define interceptive orthodontics. Enumerate various interceptive procedures. Write about serial extractions 1+3+5=9
- 2) Define growth and development. Mention the theories of growth. Write about functional matrix theory with suitable examples 2+3+4=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Reverse pull headgear
- 4) Ugly Duckling Stage
- 5) Diagnosis and management of tongue thrust habit
- 6) Study models in orthodontics
- 7) Trajectories of force
- 8) Methods of reinforcing anchorage
- 9) Hand Wrist Radiograph
- 10) Essential diagnostic aids in Orthodontics

10x2=20

WRITE BRIEFLY ON:

- 11) Neural crest cells
- 12) Tweed's diagnostic triangle
- 13) Facial profile
- 14) Rapid maxillary expansion appliances
- 15) Nickel titanium wires
- 16) Baker's anchorage
- 17) Flush Terminal Plane
- 18) Buccal canine retractors
- 19) Proximal Stripping
- 20) Soldering and welding

Q.P.CODE:427/411

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2020

FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define functional appliances. Explain in detail the indications, component parts, timing of treatment and working theory of any one functional appliance. 1+2+2+2+2=9

- 2) Explain the theories of tooth movement and difference between frontal and undermining resorption. 5+4=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Seating and Posture of patient during clinical examination and its significance
- 4) Endochondral Ossification
- 5) Serial extraction
- 6) Treatment of midline diastema
- 7) Minor surgical procedures in Orthodontics
- 8) Cantilever springs
- 9) Effects of thumb sucking habit
- 10) Importance of first permanent molar teeth

10x2=20

WRITE BRIEFLY ON:

- 11) Scott's cartilaginous theory
- 12) Extra oral features of a skeletal Class III individuals
- 13) Adenoid facies
- 14) Name two malocclusion conditions caused due to endocrinal disturbances
- 15) Transposition of teeth
- 16) Situation and appliance where 'Reciprocal anchorage' is used
- 17) Rotation
- 18) Advantages of Ackerman – Profit system of classification
- 19) How would you identify and confirm a high frenal attachment causing deleterious effects
- 20) Any four health problems caused by Malocclusion

Q.P.CODE:427/411

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS
DEGREE EXAMINATION – JULY, 2019
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours Max. Marks : 70

Note : Answer all questions.

- 1) Classify Diagnostic Aids. Write the importance of case history and clinical examination in orthodontics. 2+3+4=9

- 2) Define retention and relapse. Write the theories of retention and types of retention. 1+1+4+3=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Andrew's six keys to normal occlusion
- 4) Fixed orthodontic appliances and its components
- 5) Tweeds analysis
- 6) Bolton's model analysis
- 7) Types of tooth movement
- 8) Space maintainers
- 9) Functional regulator
- 10) Undermined resorption 10x2=20

WRITE BRIEFLY ON:

- 11) Growth spurts
- 12) Incisor Liability
- 13) Synchondrosis
- 14) Simon's law of canine
- 15) Pericision
- 16) Flux and antflux
- 17) Headgear
- 18) Rapid maxillary expansion
- 19) Wolfs law of bone transformation
- 20) Cephalostat

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2019

FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS**Time : 3 Hours****Max. Marks : 70**

Note : Answer all questions.

-
- 1) A 9 year old boy has been diagnosed to have skeletal CI II 1+3+1+4=9
with Angle's CI II division 1 Malocclusion. Describe the
possible etiology, Extra oral and intra oral features,
investigations done and the various treatment options
available.

- 2) Define interceptive Orthodontics. Discuss in detail various 1+8=9
serial extraction procedures.

WRITE SHORT NOTES ON:

8x4=32

- 3) Median diastema
- 4) Reverse pull head gear
- 5) Double cantilever spring
- 6) Anterior open bite
- 7) Welding and soldering in Orthodontics
- 8) Cervical Vertebrae maturity indicators
- 9) Retention appliances
- 10) Etiopathogenesis of any two local etiological factors of
malocclusion

10x2=20

WRITE BRIEFLY ON:

- 11) Composition of 18-8 stainless steel
- 12) Advantages of Angle's Classification of Malocclusion
- 13) SNA Angle of Cephalometrics
- 14) Importance of Frankfurt Horizontal Plane
- 15) Tipping movement of teeth
- 16) Purpose of incorporating Helix in Spring Design
- 17) Indications of lip bumper
- 18) Name the appliances that cause transverse expansion of the
maxillary arch
- 19) Importance of mixed dentition analysis
- 20) Reinforced Anchorage

Q.P.CODE:427/411

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JULY, 2018

FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 21) Enumerate different theories of orthodontic tooth movement. 2+7=9

Describe the histological changes following application of mild and heavy forces.

- 22) Describe the various methods of studying growth and discuss post natal growth of mandible. 5+4=9

WRITE SHORT NOTES ON:

8x4=32

- 23) Serial extraction
- 24) Transitional malocclusion starting from birth
- 25) Functional matrix theory
- 26) Components of fixed appliances
- 27) Management of cross bite
- 28) Thumb sucking habit
- 29) Theories of retention
- 30) Cephalo caudal gradient of growth

10x2=20

WRITE BRIEFLY ON:

- 31) Oral Screen
- 32) Centre of resistance
- 33) Synchondrosis
- 34) Hyalinisation
- 35) Reciprocal anchorage
- 36) Bolton's analysis
- 37) Midline diastema
- 38) Shape memory wires
- 39) Petit facemask
- 40) Pericision

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
- 1) A 9 year old boy has been diagnosed to have skeletal CI III 1+3+1+4=9
with Angle's CI III sub division Malocclusion. Describe the
possible etiology, Extra oral and intra oral features,
investigations done and the various treatment options
available.

- 2) Classify various factors in the aetiology of malocclusion. 5+4=9
Elaborate endocrinal factors.

WRITE SHORT NOTES ON:

8x4=32

- 3) Ideal requisites of a removable orthodontic appliance
4) Difference between frontal and undermining resorption
5) Arch Expansion Appliances
6) Twin block appliance
7) Arch Perimeter Analysis
8) Importance of ANB angle of Steiner's Cephalometric Analysis
9) Stationary Anchorage
10) Micro implants in orthodontics

10x2=20

WRITE BRIEFLY ON:

- 11) Composition of 18-8 stainless
12) Deep bite
13) Tweed's diagnostic triangle
14) Importance of Study Models
15) Spot welding
16) Components of ideal occlusion
17) Lip bumper
18) Importance of deciduous teeth from orthodontic perspective
19) Growth spurts
20) Indications for Transpalatal arch

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
- 1) Define retention and relapse. Write in detail the theorems of retention. 2+2+5=9

- 2) What are the stages of development of dentition? Write in detail about the self-correcting malocclusions. 4+5=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Piezoelectric theory of tooth movement
4) Risks of orthodontic treatment
5) Cartilaginous theory of growth
6) Broadbent phenomena
7) Steiner's analysis
8) Adams clasp and its modifications
9) Nitinol archwires
10) Space maintainers

10x2=20

WRITE BRIEFLY ON:

- 11) Interceptive orthodontic procedures
12) Careys analysis
13) Chin cap
14) Pericision
15) Curve of spee
16) Keys to occlusion
17) Crossbite
18) Leeway space
19) Moment of a force
20) Elgiloy

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION – JANUARY, 2017
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION
ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
- | | |
|--|-------|
| 1) Discuss the various methods of gaining space. Write in detail about proximal stripping procedure. | 5+4=9 |
| 2) Define anchorage. Discuss in detail about the various sources of anchorage. | 2+7=9 |

WRITE SHORT NOTES ON:

8x4=32

- | | |
|---|--|
| 3) Simon's classification | |
| 4) Postnatal growth of mandible | |
| 5) Transient malocclusion | |
| 6) Sterilization in orthodontics | |
| 7) Slow expansion devices | |
| 8) Reverse pull headgears | |
| 9) Fixed retainers | |
| 10) Angle's class II division II malocclusion | |

10x2=20

WRITE BRIEFLY ON:

- | | |
|----------------------------------|--|
| 11) Finger spring | |
| 12) Helical canine retractor | |
| 13) Types of tooth movement | |
| 14) Tweed's analysis | |
| 15) Catalan's appliance | |
| 16) Uses of Panoramic Radiograph | |
| 17) Types of growth data | |
| 18) Jackson's triad | |
| 19) Canine guided occlusion | |
| 20) Lip bumper | |

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION – JULY/AUGUST, 2016
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION
ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
- 1) Enumerate theories of retention. Add a note on causes of relapse. 5+4=9

- 2) Discuss the various treatment options for a 9 year old boy presenting with a skeletal and dental class II Division I malocclusion. 9

WRITE SHORT NOTES ON:

8x4=32

- 3) RME (Rapid Maxillary Expansion)
- 4) Thumb sucking habit
- 5) Merits and demerits of Angle's classification
- 6) Hand wrist X-Ray; A skeletal maturity indicator
- 7) Serial extractions
- 8) Ackerman Proffit's classification of malocclusion
- 9) Down's Analysis
- 10) Classification of springs

10x2=20

WRITE BRIEFLY ON:

- 11) Enumerate various modifications of activator
- 12) Six keys to normal occlusion
- 13) Angle (<) ANB
- 14) Bolton's Model Analysis
- 15) Pseudo class III malocclusion
- 16) Adam's Clasp
- 17) Growth site V/s Growth centre
- 18) Pericision
- 19) Facial index
- 20) Distal shoe space maintainers

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA :: AP
BDS DEGREE EXAMINATION - JANUARY, 2016
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION
ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
- 1) Enumerate various theories of Growth. Write in detail about functional matrix theory. 5+4=9

- 2) Describe the various methods of gaining space. Explain in detail about maxillary expansion 5+4=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Simon's classification of malocclusion
4) Recent advances in orthodontic diagnostic aids
5) Steiner's analysis
6) Mouth breathing habit
7) Histological changes following extreme forces
8) Reinforced anchorage
9) Moyer's analysis
10) Fixed space maintainer

WRITE BRIEFLY ON:

10x2=20

- 11) Synchondrosis
12) Centre of resistance
13) Ideal requirement of orthodontic wire
14) Safety valve mechanism
15) Chin Cap
16) Open Bite
17) Midline diastema
18) Types of orthodontic force
19) Oral screen
20) Tweed's diagnostic triangle

- - -

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION – JULY / AUGUST, 2015
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION
ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

1) Define orthodontic appliance. Explain principles of appliance designing. 2+7=9

2) Classify etiology of malocclusion and explain local factors causing malocclusion. 4+5=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Begg Vs Straight wire appliance
- 4) Serial extractions
- 5) Reverse pull headgear
- 6) Twin block
- 7) Management of cross bite
- 8) Thumb sucking habit
- 9) Undermining resorption
- 10) Wilkinson's extraction

10x2=20

WRITE BRIEFLY ON:

- 11) Sphenoccipital synchondrosis
- 12) Leeway Space of Nance
- 13) Effect of drugs on orthodontic treatment
- 14) Pubertal growth spurt
- 15) Frankfort horizontal plane
- 16) SNA & SNB
- 17) Functional space maintainer
- 18) Pericision
- 19) Stripping
- 20) Controlled and uncontrolled tipping

427/411

**BDS DEGREE EXAMINATION – JANUARY, 2015
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION
ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

1) Define optimum force. Classify and discuss $2+3+4=9$
Orthodontic forces.

2) Define and classify myofunctional appliances. $2+3+2+2=9$
Discuss indications and mode of action of Activator.

WRITE SHORT NOTES ON:

$8 \times 4 = 32$

- 3) Self correcting anomalies
- 4) Orthodontic study models
- 5) Cephalometrics: Uses, advantages and disadvantages
- 6) Space maintainers
- 7) Tweeds analysis
- 8) Importance of Medical History in Orthodontics
- 9) Adam's clasp and modifications
- 10) Growth of the cranial base

WRITE BRIEFLY ON:

$10 \times 2 = 20$

- 11) Jackson's triad
- 12) Visual treatment objective
- 13) Clinical features of cleft lip and palate
- 14) Cephalic index
- 15) Ponts analysis
- 16) Canine Retractors
- 17) Rotation
- 18) 'Y' Axis
- 19) Safety valve mechanism
- 20) Z Spring

- - -

427/411
BDS DEGREE EXAMINATION - JULY, 2014
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION
ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

1) Classify etiology of malocclusion. Discuss in detail the various local etiological factors causing malocclusion. 3+6=9

2) Define interceptive Orthodontics. Discuss in detail various serial extraction procedures 2+7=9

WRITE SHORT NOTES ON: 8x4=32

3) Endochondral type of bone formation

4) Management of mouth breathing habit

5) Essential diagnostic aids

6) Theories of tooth movement

7) Extra oral sources of anchorage

8) Components of removable appliances

9) Preventive Orthodontics

10) Relapse in Orthodontics

WRITE BRIEFLY ON: 10x2=20

11) Hyrax

12) Types of tooth movement

13) Active components of fixed appliance

14) Father of modern Orthodontics and two of his contributions

15) Define development

16) Name different fixed appliance systems

17) Name some slow expansion devices

18) Oral screen

19) Mickel's cartilage

20) Ankylosis

**BDS DEGREE EXAMINATION – JANUARY, 2014
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION
ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

-
- 1) Define habits. Classify and discuss in detail the features of tongue thrusting habit and its treatment modalities. **2+3+4=9**

- 2) Mention the theories of growth, write about functional matrix hypothesis with examples **5+4=9**

WRITE SHORT NOTES ON:

8x4=32

- 3) Methods of studying bone growth
- 4) Ackerman and Proffit's classification
- 5) Bolton's analysis
- 6) Clinical features of Class II div 2 malocclusion
- 7) Lip bumper
- 8) Classify etiological factors in malocclusion
- 9) Undermined resorption
- 10) Theories of retention.

WRITE BRIEFLY ON:

10x2=20

- 11) Double cantilever spring
- 12) Baker's Anchorage
- 13) 18-8 Stainless Steel
- 14) Piezoelectric theory
- 15) Oral screen
- 16) Catalans appliance
- 17) SNA and SNB angle
- 18) Pericision
- 19) Pterygoid response
- 20) Spheno-occipital synchondrosis

- - -

BDS DEGREE EXAMINATION – JANUARY/FEBRUARY, 2013
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION
ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define and classify Malocclusion. Describe in detail the role of Lip Biting habit in the development of Malocclusion. 2+3+4=9
- 2) Define Growth and development. Write in detail about postnatal growth of mandible. 2+7=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Flush Terminal Plane
- 4) Canine retractors
- 5) Tissue response to orthodontic force application
- 6) Oral Screen
- 7) Molar Distalization
- 8) Rapid Palatal expansion
- 9) Functional Space maintainer
- 10) Moyer's Mixed Dentition Analysis

WRITE BRIEFLY ON:

10x2=20

- 11) Proximal stripping
- 12) Permanent Retention
- 13) Reciprocal anchorage
- 14) Jackson's Triad
- 15) Components of Fixed appliances
- 16) Elgiloy wires
- 17) Pericision
- 18) Deep bite
- 19) Flux
- 20) Tweeds Triangle

**BDS DEGREE EXAMINATION – AUGUST, 2013
FOURTH (NR) & FINAL BDS (NR&OR) EXAMINATION
ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

1) Define interceptive Orthodontics and explain serial extraction in detail. 9

2) Discuss histological changes during orthodontic tooth movement. 9

WRITE SHORT NOTES ON:

8x4=32

3) Steiner's analysis

4) Mouth breathing habit

5) Hand – Wrist X rays

6) Local causes of Malocclusion

7) Activator

8) Anchorage

9) Expansion screws

10) Therapeutic extractions.

WRITE BRIEFLY ON:

10x2=20

11) Space regainer

12) Scammon's growth curve

13) Adam's clasp and its advantages

14) Open bite

15) `Y' Axis

16) Nasolabial angle

17) Midline Diastema

18) Wolfe's law of bone transformation

19) Simple and complex tongue thrust

20) Advantage and disadvantage of removable appliance

- - -

427/411-BDS DEGREE EXAMINATION – JANUARY/FEBRUARY, 2013

Fourth (nr) & final bds (nr&or) examination-Orthodontics & dentofacial orthopaedics

Time : 3 Hours-Max. Marks : 70-Answer all questions.

1..Define and classify Malocclusion. Describe in detail the role of Lip Biting habit in the development of Malocclusion=2+3+4=9m

2..Define Growth and development. Write in detail about postnatal growth of mandible=2+7=9m

Write Short Notes On: 8 x 4=32m

3..Flush Terminal Plane 4..Canine retractors 5.Tissue response to orthodontic force application

6..Oral Screen 7..Molar Distalization 8..Rapid Palatal expansion

9..Functional Space maintainer

10.Moyer's Mixed Dentition Analysis

Write Briefly On: 10 x 2=20m

11.Proximal stripping 12.Permanent Retention 13.Reciprocal anchorage 14.Jackson's Triad

15.Components of Fixed appliances 16.Elgiloy wires 17.Pericision 18.Deep bite 19.Flux

20.Tweeds Triangle

427/411-BDS DEGREE EXAMINATION – AUGUST, 2012

Fourth nr) & final bds nr&or) examination-Orthodontics & dentofacial orthopaedics-Time : 3 Hours-Max.

Marks : 70-Answer all questions.

1..Define Anchorage. Explain various types of Anchorage with suitable examples=9m

2..Treatment planning of Skeletal class III malocclusion in adult patient=9m

Write Short Notes On: 8 x 4=32m

3..Ackerman and Proffit classification 4..Stainless steel 5..Adam's clasp and modifications

6..Trajectories of forces

7..Functional Matrix theory

8..Classify springs

9..Serial Extraction

10.Space maintainers.

Write briefly on: 10 x 2=20m

11.FMA 12.Catlan's appliance 13.Scissor's Bite 14.Growth Centre 15.Expanding 'V' Principle

16.Spot Welding 17.Incisor Liability 18.Frankel's Philosophy 19.Treatment of Midline diastema

20.Profile Analysis.

427-FOURTH BDS (N.R) DEG. EXAMINATION – MARCH, 2012-ORTHODONTICS &

DENTOFACIAL ORTHOPAEDICS-Time : 3 Hours-Max. Marks : 70-Answer all questions.

1..Classify Myofunctional appliances. Name the components of Frankel II appliance and describe in detail its mode of action=9m

2..What are the various Diagnostic aids in Orthodontics? Write in detail about the clinical examination and case history record=9m

Write Short Notes On:8 x 4=32m

3. Mouth breathing habit

4. Extraoral Anchorage

5. Ugly Duckling stage

6. Limitations of Angle's classification

7. Buccinator Mechanism

8. Growth spurts

9. Hand wrist radiograph

10.Methods of gaining space in Orthodontics

Write briefly on: 10 x 2=20m

11.Genioplasty

12.Flush Terminal Plane

13.Soldering

14.Coffins spring

15.Proximal Stripping

16.Blanch Test

17.Treatment of anterior crossbite

18.Vital staining

19.Distal shoe space maintainers

20.Aims of Orthodontic treatment

411-FINAL BDS (O.R) DEG. EXAM-JAN., 2012-ORTHODONTICS & DENTOFACIAL

1..Discuss the histological changes during orthodontic tooth movement=9m

2..Classify cleft lip and palate. Describe the orthodontic management of the same=9m

Write Short Notes On: 8 x 4=32m

3..Micro implants in orthodontics

4..Muscles of mastication

5..Endochondral and intramembranous bone formation

6. Class II Div I v/s Class II Div II

7. Steiner's analysis

8. Tongue thrust habit

9. Retention in Orthodontics

10.Clinical application of growth and development

Write Briefly On: 10 x 2=20m

11.Camouflage treatment

12.Cephalostat

13.Gum pads

14.Cross bites

15.E.H. Angle and his contributions

16.Evaluation of smile

17.Components of fixed appliances

18.Ashley How's analysis

19.Define orthodontics

20.Finger spring

427/411-FINAL BDS DEG. EXAMINATION – JULY, 2011-ORTHODONTICS &

1..Define Growth. Mention the various theories of growth and discuss in detail the functional matrix hypothesis=9m

2..Define optimum Orthodontic force. Discuss the various theories of tooth movement=9m

Write Short Notes On: $8 \times 4 = 32m$

3..Down's Analysis 4..Serial Extractions 5..Treatment of class III malocclusion

6..Andrew six keys of normal occlusion 7..Treatment of midline diastema

8..Spheno-occipital synchondrosis 9..Frankel's appliance

10.Space Maintainers

Write Briefly On: $10 \times 2 = 20m$ 11.Catalan's appliance 12. Antiflux 13. Rotation 14..Meckel's cartilage 15. Apertognathia 16. Pericision 17. Wilkinson's Extraction

18..Bakers anchorage 19. Face Mask 20. Facial divergence

411-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2011-ORTHODONTICS

1..Classify diagnostic aids. Discuss in detail the essential diagnostic aids=9m

2..Define habits. Classify and discuss in detail the features of tongue thrusting habit and its treatment modalities=9m

Write short notes on: $8 \times 4 = 32m$ 3.Role of X-rays in orthodontics 4.Undermining Resorption

5.Transient Malocclusion 6.Minor Surgical Procedures in Orthodontics 7.Features of anterior open bite

8.Buccinator mechanism 9..Trajectories of forces 10.Andersons activator

Write briefly on: $10 \times 2 = 20m$

11.Gum pads 12.Electromyography 13.Frankfort Horizontal Plane 14.Force and couple

15.Careys analysis 16.Molar tubes 17.Imbrication 18.18/8 stainless steel

19.Tweeds triangle 20.Hawleys appliance

411-FINAL BDS DEGREE EXAMINATION – JULY, 2010-ORTHODONTICS

PART-A

1. Define and classify myofunctional appliances. Discuss the indications and mode of action of Activator=9m

Write Short Notes On= $4 \times 4 = 16m$

2. Headgears 3.Orthodontic arch wires 4.Self correcting anomalies 5.Essential diagnostic aids.

Write Briefly On= $5 \times 2 = 10m$

6. Chin Cap 7. Cranial base flexure 8. Herbst appliance 9. Supernumerary Teeth 10. Finger Springs

PART - B

11. Define Interceptive orthodontics. Discuss in detail the various serial extraction procedures=9m

Write Short Notes on:= $4 \times 4 = 16m$ 12. Space regainers 13. Steiners analysis 14. Frankel's appliance

15. Preventive orthodontics

Write Briefly on:= $5 \times 2 = 10m$ 16. Angle ANB 17. Tipping movement 18. Simons law of canine

19. Flush terminal plane 20. Jacksons traid

411-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2010-ORTHODONTICS

PART-A

1. Elaborate histology of tooth movement – changes following application of mild & extreme forces

WRITE SHORT NOTES ON= $4 \times 4 = 16m$

2. Define serial extraction and write on indications of serial extractions 3. Management of cross bite

4. Simons classification of malocclusion 5. Uses of roentgenographic cephalometry in orthodontics.

WRITE BRIEFLY ON= $5 \times 2 = 10m$

6. Pricisions 7. Catlans appliances 8. Differential growth

9. Prolonged retention of deciduous teeth 10. Bakers anchorage

PART – B

11. Classify various factors in the etiology of malocclusion. Elaborate endocrinal factors=9m

Write short notes on:= $4 \times 4 = 16m$ 12. Trajectories of occlusal forces 13. Transient malocclusion

14. Wolfs theory of bone transformation 15. Springs used for distalizing canines

WRITE BRIEFLY ON= $5 \times 2 = 10m$

16. Ankylosis 17. Neurotropic theory of craniofacial growth 18. Carey's model analysis

19. Tweeds triangle 20. 18-8 stainless steel

411-FINAL BDS DEGREE EXAMINATION – AUGUST, 2009-ORTHODONTICS

PART-A (35 MARKS)

1. Explain slow and rapid expansion, their indications, contra-indications and appliances used=9m

WRITE SHORT NOTES ON: 4 x 4 = 16m

2. Ackerman – Proffit classification of malocclusion

3. Lip bumper

4. Sterilization in orthodontics

5. Functional appliances

WRITE BRIEFLY ON: 5 x 2 = 10m

6. Centric relation and centric occlusion

7. Ideal requirements of removable orthodontic appliance

8. Adams clasp

9. Synchondrosis

10. Types of orthodontic forces

PART-B(35 MARKS)

11. Enumerate theories of retention. Add a note on causes of relapse.=9m

Write short notes on: 4 x 4=12. Terminal planes

13. Orthodontic study models

14. Moyer's mixed dentition Analysis

WRITE BRIEFLY ON: 5 x 2 = 10m

16. Uses of panoramic radiograph

17. Proximal slenderization / stripping

18. Jackson's triad

19. Incisal liability

20. Cleft Lip

411-FINAL BDS DEGREE EXAMINATION – MARCH, 2009-ORTHODONTICS

PART -A

1. Classify habits. Explain the triad of factors affecting habits. Elaborate on lip biting and nail biting Habits=9m

Write Short=4X4=2. Importance of genetics in orthodontics

3. Maxillary anterior bite plane appliance

4. Classify myofunctional appliances and what are the indications of activator

5. Post natal growth and development of the mandible

Write Briefly On:= 5X2=6. Shape memory alloy

7. Optimum orthodontic force

8. Reinforced anchorage

9. Growth spurts

10. Space regainers

PART-B

11. Enumerate Cephalometric land marks and elaborate on STEINERS analysis=9m

Write Short Notes On=4X4=12. Relapse in orthodontics

13. Preventive orthodontics

14. Unfavorable sequel of malocclusion

15. Supernumerary teeth

Write Briefly On=5X2=10. Transitional period

17. Orthodontic impressions

18. Andrews six keys to normal occlusion

19. Piezo-electric theory

20. Pseudo class III malocclusion

411-Final BDS DEGREE EXAMINATION – AUGUST/SEPTEMBER, 2008

PART -A

1. Enumerate various diagnostic aids and elaborate on the various model analyses used for diagnosis and treatment planning in orthodontic practice=9m

Write Short Notes On:= 4X4=2. Local causes of malocclusion

3. Aims and scope of orthodontics

4. Mouth breathing habit

5. Dentofacial disturbances of genetic origin

Write Briefly On=5X2=6. Coffin spring

7. Methods of gaining space

8. Adams clasp and its advantages

9. Expanding V principle

10. Dewey's classification of malocclusion

PART-B

11. Discuss the histological changes during orthodontic tooth movement=9m

Write Short Notes On=4X4=12. Write about activator appliance

13. Serial extraction

14. Indication for 2nd premolar extraction

15. Scammons growth curve

Write Briefly On:= 5X2=10. Gum pads

17. Extra oral anchorage

18. Permanent retention

19. Wilkinson extraction

20. Open bite

411-Final BDS DEGREE EXAMINATION – MARCH, 2008-ORTHODONTICS

PART -A

1. Discuss essential diagnostic criteria used in orthodontics=9m

Write Short Notes On:= 4x4=2. Case selection for functional appliance

3. 18-8 stainless steel

4. Retention in orthodontics

5. Boltons analysis

Write Briefly On:= 5x2=6. Andrew's six keys of occlusion

7. Tweeds triangle

8. Gases used for soldering

9. Flux and antflux

10. Define orthodontics

PART - B

11. Discuss in detail about the clinical applications of growth and development in orthodontics=9m

Write Short Notes On:= 4x4=12. Face mask therapy

13. Space regainers

14. Hand wrist radiograph

15. Reciprocal anchorage

Write Briefly On:= 5x2=16. Hyrax appliance 17. Ideal orthodontic force

18. Drawbacks of Angle's classification 19. Irreversible hydrocolloids 20. Welding

411-NR-FINAL B.D.S DEGREE EXAMINATION –OCTOBER, 2007-ORTHODONTICS

Part-A

1. What are the causes of cleft lip and palate and write about the management=9m

Write short notes on: 4 x 4 =16m; 2. Oral screen 3. Functional matrix theory

4. Midline diasthema 5. Differentiate between activator and frankle appliance

Write briefly on: 5 x 2 =10m; 6. Growth spurts 7. Elgiloy wires

8. Wolf's law of bone transformation 9. Distal shoe space maintainers 10. Simons law of cuspid

Part-B

11. Write about the unfavourable sequelae of malocclusion=9m

Write short notes on: 4 x 4 =16m; 12. Buccinator mechanism 13. Ackerman Profit Classification

14. Incisal liability 15. Undermined resorption

Write briefly on: 5 x 2 =10m; 16. Angle ANB 17. Sheno-Occipital synchondrosis

18. Components of fixed appliances 19. Piezo-electric theory 20. Cantiliver spring

APRIL, 2007

PART -A

1. Describe the growth and development of mandible and its clinical importance in orthodontics.

2. Write short notes on: 4x4=16=a) Flush terminal plane b) Moyer's mixed dentition analysis

c) Stationery Anchorage d) Tweed's Triangle

3. Write: 5x2=a) Hand wrist X – rays b) SNA c) Diagnostic Aids d) Twin Block d) Mid line diastema

PART - B

4. Classify Frankel appliance and explain in detail any one clinical situation.

5. Write short notes on: 4x4=16=a) Mouth breathing habit b) Serial extractions c) Occlusal plane

d) Anterior biting plane

6. Write briefly on: 5x2=a) Adam's Clasp and its modifications b) Stainless steel c) Spot welding

d) Howley's Retainer e) Classify space maintainers and write briefly on any one fixed space maintainer.

411-OR-FINAL B.D.S.DEGREE EXAMINATION – APRIL, 2007-ORTHODONTICS

PART -A

1. Define growth and development. Explain in detail various methods of measuring growth.

2. Write short notes: 6x5 =a) Ugly duckling Malocclusion b) Geneoplasty c) Retention & relapse

d) Pout's analysis e) Midline diasthema f) Mouth breathing habit

PART - B

3. Classify Anchorage. Describe in detail the extra oral anchorage=10

4. Write short notes on: 6x5 =a) Dilaceration b) Y-axis c) I.O. X-rays d) Simon's classification

e) Distal shoe horn f) Activato

OCTOBER-2006

Part-A

1. Discuss pre-natal and post-natal growth of mandible and its clinical application in orthodontics=9m

2. Write: 4 x 4 =a) Aims and objectives of orthodontics b) S-N plane c) Crozat clasp d) Reciprocal Anchorage

3. Write briefly on: 5 x 2 =10m; a) Surgical orthodontics b) Expansion screws

c) Incisor liability d) Growth spurts e) Incline planes

Part-B

4. Explain the steps in fortification of Oval screen and give its advantages=9m

5. Write: 4 x 4=a) Canine retractors b) Preventive orthodontics c) Undermine resorption d) Study Models

6. Write briefly on: 5 x 2 =10m; a) High labial bow b) Twin studies c) RME

d) Stages of eruption of permanent teeth e) Orthodontic clasps

APRIL-2006

Part-A

1. Define growth and development. What are the theories of Growth? How growth disturbances can cause Malocclusion=9m

2. Write short: 4 x 4=a) Oral-Screen b) Diagnostic Aids c) Retention appliances d) Leeway space of nance

3. Write briefly on: 4 x 4 =16m; a) Chin-Cap b) Supplemental Teeth c) Carpal Index

d) Optimum Orthodontic Force e) Components of Removable appliance

Part-B

4. Define anchorage. Classify orthodontic anchorage and explain with examples=9m

5. Write short notes on: 4 x 4 =16m; a) Max.Middle Diastema b) Theories of Eruption

c) Methods of gaining space in dental arch d) Carey's analysis

6. Write briefly on: 5 x 2 =10m; a) Inclined plane b) Disadvantages of removable appliances

c) Bionator

d) Panoramic Radiographics

e) Simon's Classification

OCT./NOV.2005 (N.R.)

Part-A

1. Discuss clinical picture of skeletal angle's class III malocclusion and its clinical management =9marks
2. Write short notes on: 4 x 4 =16marks; a) Ugly duckling stage b) Therapeutic extractions
c) Open bite d) Space maintainers
3. Write briefly on: 5 x 2=a) Rotation b) Occlusal plane c) Adams clasp d) Angle SNA e) Canine retractors

Part-B

4. Define malocclusions. Classify etiology of malocclusions. Discuss clinical picture and management of thumb-sucking habit =9marks
5. Write short notes on: 4 x 4 =16m; a) Validity of Angle's classification b) Orthodontic Study models
c) F.R.II appliance d) Pubertal growth spurt
6. Write briefly on: 5 x 2 =10marks; a) Mandibular plane b) Angle SNB c) Pont's model analysis
d) Tissue changes on pressure side e) Advantages of removable orthodontic appliances

MAR/APR.2005 – N.R.

Part-A

1. Discuss pre-natal and post-natal growth of mandible and its clinical application in orthodontics=9marks
2. Write short notes on: 4 x 4 =16marks; a) Tweed's triangle b) Rapid maxillary expansion
c) I-O-X rays in orthodontics d) Trajectories of occlusal forces
3. Write briefly on: 5 x 2 =10marks; a) Pont's analysis (Pont's) b) Bolton plane
c) Coffin spring d) Soldering and welding e) 'Y' Axis angle

Part-B

4. Discuss the various tissue changes taking place during orthodontic tooth movement=9marks
5. Write short notes on: 4 x 4 =16marks; a) Bite plane appliances b) Components of fixed appliance
c) F.H.plane d) Primate spaces
6. Write briefly: 5 x 2; a) Incisal liability b) Cleft lip c) Acromegaly d) Inter incisal angle e) Wolf's Law

OCTOBER, 2004.

Part-A

1. Define Anchorage. Discuss classification of Anchorage. Explain Intermaxillary Anchorage=9m
2. Write short notes on: 4 x 4 =16marks; a) Leeway space of Nance b) Incisal Liability
c) 'Y' Axis Angle d) Ideal requisites of Orthodontic Appliance
3. Write briefly on: 5 x 2=a) Study Models b) Trajectories c) Occlusal X-ray
d) Oral Screen e) Expansion Appliances.

Part-B

4. Discuss the various stages of development of occlusion, from birth to adolescent =9m
5. Write short notes on: 4 x 4 =16marks; a) Thumb sucking habit b) Mandibular Retrognathism
c) Self supporting springs d) Therapeutic Extractions in Orthodontics
6. Write briefly on: 5 x 2 =10marks; a) Flush Terminal Plane b) Carey's Model Analysis
c) Bite Plane Appliances d) Pericision e) S-N-B Angle

APRIL, 2003 (NEW REGULATIONS)

Part-A

1. Enumerate the aetiological factors causing mouth breathing and tongue thrust in children and discuss the line the treatment =9marks
2. Write short answers on: 4 x 4 a) Head gear b) Lip bumper c) Pericision d) Primate space
3. Write :5 x 2 =a) Tweed's analysis b) Growth spurts c) 18-8 stainless steel d) Irreversible hydrocolloids

Part-B

4. What are functional appliances. Give examples. Discuss any one appliance in detail =9marks
5. Write short notes on: 4 x 4 a) Y-Axis b) Model Analysis c) Hand-Wrist X-ray d) Midline diastema
6. Write : 5 x 2=a) Posterior cross bite b) ANB angle c) Incisor liability d) Solder and flux e) Oral Screen

MARCH/APRIL, 2003. (OLD REGULATIONS)

Part-A

1. Enumerate the aetiological factors causing mouth breathing and tongue thrust in children and discuss the line of treatment =10marks
2. Write : 6 x 5 =a) Head gear b) Lip bumper c) Pericision d) Primate space e) Growth spurt f) Fixed retainer

Part-B

3. What are the functional appliances give examples. Discuss any one appliance in detail. =9marks
4. Write short notes on: 6 x 5 a) 'Y' Axis b) Model analysis c) Hand-Wrist X-ray
d) Midline diastema e) ANB angle f) Solder and flux

OCTOBER, 2002

Part-A

1. Discuss the local causes for Mal occlusion =9marks
2. Write short answers on: a) Synchondrosis b) Deep Bite c) Space Maintainer d) Ugly Duckling stage=16
3. Write briefly: 5 x 2- a) Primate Spacing b) SNA Angle c) Parts of fixed appliance d) Occlusal X-Ray
e) Classification of functional appliance

Part-B

4. What is Classification? Discuss the different classification on Mal Occlusion. What is the latest classification on Mal Occlusion =9marks
5. Write short answers: a) Hand-wrist X-ray b) Growth Spurt c) 18-8 Stainless Steel d) Cleft Lip & Palate
6. Briefly: 5 x 2=a) Cross Bite b) Sutural Growth c) ANB Angle d) Skeletal Mal Occlusion e) Borderline case

OCTOBER, 2002 (Old Regulations) - Time:3hours - Max.Marks: 80

Part-A

1. Define Anchorage. Discuss the different types of Anchorage with example for each =10marks
2. Write short notes : 6x5 - a) Oral Screen b) Interceptive orthodontics c) Torque force d) Chin cap e) Cephalogram
f) Optimum orthodontic force

Part-B

3. Discuss Heredity as a cause for mal occlusion =10marks
4. Write short notes on: 6x5 - a) Angle's classification on mal occlusion b) Chronological age
c) Edge wise appliance d) Cervical Traction e) Differential force technique f) Buccinator Mechanism

FINAL B.D.S. - 18th APRIL, 2001.

Part-A

1. Describe in detail about extractions in Orthodontics. Give your choice of teeth for extractions with reasons
2. Short Notes: a) Hand wrist radiographs b) Reciprocal anchorage c) Labial Bows d) Midlines Diastoma
e) Study models f) Relapse =6x5=30marks

Part-B

3. Define growth and development, name and describe the various theories of eruption of teeth =10marks
4. Short Notes: a) Soldering and welding b) Direct Bowling c) Part of fixed appliance
d) Ugly duckling stage e) Oral screen f) Clinical features of CL. II div.2 =6x5

OCTOBER, 2000.

Part-A

1. Describe in detail about different methods of classification of mal occlusion. Describe the basis, merits and demerits of Angle's classification =10marks
2. Short Notes: a) Anchorage b) Adam's Clasp c) Mode analysis d) Aims of Orthodontics
e) Functional Regulators f) Orthodontic springs =6x5=30marks

Part-B

3. Define Cephalometrics. Describe in detail about its advantages and disadvantages, uses in the field of orthodontics=10marks
4. Short Notes: a) Thumb sucking b) Functional Matrix theory c) Lee way space d) Deep over bite
e) Diagnostic aids f) Retention and its necessity =6x5=30marks

APRIL, 2000.

Part-A

1. What are the six keys of normal occlusion. State how Ackerman-Profitt system is an improvement over Angle's Classification=10marks
2. Short Notes: a) Sucking and suckling b) Components of fixed appliance c) Oral screen
d) Occlusal Radiograph e) Cephalo Stat f) FMA Angle =6x5=30m

Part-B

3. State the principles of Andresen appliance. Discuss in detail indications, contra-indications, uses and construction=10m
4. Short Notes: a) Iccisal Liability b) Lower Anterior Crowding c) Canine Retractors
d) Pubertal Growth periods e) Permanent Retention f) Intrusion =6x5=30marks

15th OCTOBER, 1999.

Part-A

1. Define preventive Orthodontics. Discuss the various treatment plan given under the preventive orthodontics =10marks
2. Short Notes: a) Anterior open bite b) Elastics c) Extraction in Orthodontics d) Arch perimeter analysis
e) Draw packs of Angle's classification f) Distal shoe space maintainer =6x5=30marks

Part-B

3. Discuss the various diagnostic aids used in Orthodontics =10marks
4. Short Notes: a) Adam's Clasp b) Spot Welder c) Arch wire d) SNA Angle e) Functional Regulator f) Carpal index

17th APRIL, 1999.

Part-A

1. Define Mal Occlusion. Discuss the etiology of Mal occlusion =10marks
2. Short Notes: a) Synchrondrosis b) Lee way space c) Anterior Cross Bite d) Midline Diastoma
e) Growth curve f) ANB Angle =6x5=30marks

Part-B

3. Discuss the treatment plan for Angle's Class II Mal occlusion patients in the mixed dentition period =10m
4. Short Notes: a) Slow Expansion Appliance b) Terratogen c) Mouth Breathing d) Deep Bite
e) Ortho Pantomogram f) Curve of spee =6x5=30marks

16th OCTOBER, 1998.

Part-A

1. Define Interceptive Orthodontics. Describe in detail about serial Extractions =10marks
2. Short Notes: a) Anchorage in orthodontics b) Retention and relapse c) Functional Regulators
d) Study models e) Growth spurts f) Modes analysis for mixed dentition =6x5=30marks

Part-B

3. Describe in detail about Extractions in Orthodontics =10marks
4. Short Notes: a) Genetics in Orthodontics b) Anterior open bite c) Fixed appliances
d) Undermining Resorption e) Rapid Palatal expansion f) Thumb sucking habit =6x5=30

17th APRIL, 1998.

Part-A

1. Define Orthodontics. Describe about AIMS and scope of Orthodontics. =10marks
2. Short Notes: a) Local factors in Etiology of Mal-Occlusion b) Model Analysis c) Removable appliances
d) Orthodontics springs e) Growth spurts f) Preventive Orthodontics =6x5=30marks

Part-B

3. What are Mayo functional appliances. Describe in detail about preparation and uses of oral screen =10m
4. Short Notes: a) Retention and Retainers b) Clinical features of CI, III Mal occlusion
c) Theories of tooth movement d) Simon's classification of Mal occlusion
e) Management of cleft lip and palate

17th OCTOBER, 1997.

Part-A

1. Describe in detail pre & post natal growth of mandible =10marks
2. Short Notes: a) Oral screen b) Muscle exercises c) Tongue thrusting habit d) Aims of Orthodontics
e) Midline diastema and its causes =5x5=25marks

Part-B

3. Describe about extractions in Orthodontics with reasons =10marks
4. Short Notes: a) Frankel's appliance b) Fixed appliance c) Anterior open bite
d) Under mining bone resorption e) Robert's Retractor f) Validity of Angel's Classification =6x5

APRIL, 1997.

Part-A

1. What are the reasons for Extractions in Orthodontics? Discuss the choice of teeth for Extractions =10m
2. Short Notes: a) Growth spurts b) Midline Diastema c) Springs to bring about Mesio Distal \
d) 'Y' Axis e) Modes analysis for Mixed Dentition =5x5=25marks

Part-B

3. What are functional Appliances? Give examples. Describe the Trimming and Mechanisms of Actions of Anderson's Appliance =10marks
4. Short Notes: a) Fixed appliances verses Removable appliance b) Hawley's Retainer
c) Hand-Wrist Radiographs d) Extra oral Anchorage e) Thumb sucking habit
f) Fixed space maintainers =6x5=30mark

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QP.CODE: 429/409

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – APRIL 2025

FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION

PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

-
- | | | |
|----|--|---|
| 1) | Principles of tooth preparation in fixed partial dentures | 9 |
| 2) | Define posterior palatal seal and discuss in detail the methods of recording PPS | 9 |

WRITE SHORT NOTES ON :

8x4=32

- | | |
|-----|---|
| 3) | Burning mouth syndrome in prosthodontics |
| 4) | Principles of surveying |
| 5) | Connectors in FPD |
| 6) | Combination syndrome in prosthodontics |
| 7) | Kinematic face bow |
| 8) | Niswongers method of recording vertical dimension |
| 9) | Secondary impression materials in complete dentures |
| 10) | Management of mesially tilted abutments |

WRITE BRIEFLY ON :

10X2=20

- | | |
|-----|---|
| 11) | Ante's law |
| 12) | Define balanced occlusion |
| 13) | Define orientation jaw relation |
| 14) | Types of mandibular major connectors |
| 15) | Impression techniques in removable partial dentures |
| 16) | Types of denture base materials |
| 17) | Luting agents in FPD |
| 18) | Implants |
| 19) | Pier abutment |
| 20) | Investment materials for removable partial dentures |

QP.CODE: 429/409

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – OCTOBER 2024

FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION

PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

-
- | | | |
|----|---|---|
| 1) | Discuss direct retainers for removable partial dentures | 9 |
| 2) | Discuss selection of anterior teeth for completely edentulous patients. | 9 |

WRITE SHORT NOTES ON :

8x4=32

- | | | |
|-----|---|--|
| 3) | Provisional restorations | |
| 4) | Telescopic Crowns | |
| 5) | Dentures stomatitis | |
| 6) | Mental attitude of completely edentulous patients | |
| 7) | Metal free ceramics | |
| 8) | Selective pressure technique | |
| 9) | Gingival retraction | |
| 10) | Mean value articulator | |

WRITE BRIEFLY ON :

10X2=20

- | | | |
|-----|--|--|
| 11) | Define retention in complete dentures | |
| 12) | Parts of an implant | |
| 13) | Polishing agents for complete dentures | |
| 14) | Rest seats | |
| 15) | Snap in dentures | |
| 16) | Ideal abutments | |
| 17) | Define centric relation | |
| 18) | Selective grinding | |
| 19) | Hinge axis | |
| 20) | Osseointegration | |

Q.P.CODE:429/409

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – FEBRUARY, 2021

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours

Max. Marks : 70

Note : : Answer all questions.

- 1) Define and classify connectors in FPD. Write about Non Rigid connectors 1+3+5=9
 - 2) Define and classify articulators, write about semi adjustable articulators 1+4+4=9
- 8x4=32

WRITE SHORT NOTES ON:

- 3) Face Bow
- 4) Anterior teeth selection
- 5) Combination syndrome
- 6) Impression technique in FPD
- 7) Chemical stages of polymerization
- 8) Metal free ceramics
- 9) Snap on dentures
- 10) Radicular retainers

10x2=20

WRITE BRIEFLY ON:

- 11) Pier abutment
 - 12) Supra Gingival Finish Line
 - 13) Implant Bio materials
 - 14) Selective grinding
 - 15) Classify hard palate
 - 16) RPA system
 - 17) Pounds Triangle
 - 18) Partial veneers
 - 19) Reverse Clasp
 - 20) Denture adhesives
-

Q.P.CODE:429/409

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – SEPTEMBER, 2020

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours

Max. Marks : 70

Note : : Answer all questions.

- | | | |
|----|---|-------|
| 1) | Enumerate the principles of tooth preparation for FPD. Explain each in detail | 3+6=9 |
| 2) | Discuss the Selection of anterior teeth in complete denture | 9 |

WRITE SHORT NOTES ON:

8x4=32

- 3) Endosseous Implants
- 4) Stress breakers
- 5) Define and classify Pontics
- 6) Methods of obtaining functional support in distal extension partial denture
- 7) Post insertion instructions for complete denture
- 8) Combination syndrome
- 9) Face bow
- 10) Muscles of mastication

WRITE BRIEFLY ON:

10x2=20

- 11) Die spacer
 - 12) Fulcrum lines
 - 13) Advantages of Overdentures
 - 14) Atmospheric pressure in complete denture
 - 15) Witch's chin
 - 16) Pier abutment
 - 17) Disinfection of impressions
 - 18) Survey lines
 - 19) Telescopic crown
 - 20) Hardy's posterior teeth
-

Q.P.CODE:429/409

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2020

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours

Max. Marks : 70

Note : : Answer all questions.

- 1) Define Dental Cast Surveyor. Enumerate the function. Describe the surveying procedure. 2+2+5=9

- 2) Discuss in detail special impression techniques in RPD and add a note on preparation of altered cast and its uses. 4+5=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Hanau's Quint
- 4) Cross Infection Control in Laboratory
- 5) Abutment Selection for FPD
- 6) Define Border Moulding. Explain any one technique of Border Moulding
- 7) Gingival Retraction
- 8) Factors affecting stability of complete dentures
- 9) Obturators
- 10) Finish Lines in FPD

WRITE BRIEFLY ON:

10x2=20

- 11) Suck Back Porosity
 - 12) Curing Cycle
 - 13) Compound Bridge
 - 14) Boundaries of Buccal Shelf Area
 - 15) Kennedy's Class V and Class VI
 - 16) Define Centric Relation
 - 17) Die materials
 - 18) Combination Clasp
 - 19) Neutral Zone
 - 20) Ante's Law
-

Q.P.CODE:429/409

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008BDS

DEGREE EXAMINATION – JULY, 2019

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours

Max. Marks : 70

Note : : Answer all questions.

- 1) Classify Jaw Relations. Write about methods of recording vertical jaw relations. Explain Niswonger's method. 2+4+3=9
- 2) Enumerate various clasp designs, uses, properties and their relations. 4+2+1+2=9

WRITE SHORT NOTES ON

8x4=32

- 1) Define posterior palatal seal area.
Mention different techniques of recording it. Write the advantages of recording it.
- 2) Define surveyor, classify and write the advantages of using it
- 3) Functional reline technique
- 4) Define and classify connectors in FPD
- 5) Over dentures
- 6) Treatment options for tilted molar
- 7) Impression techniques in FPD
- 8) Resin bonded bridges

WRITE BRIEFLY ON:

10x2=20

- 9) Lateral Throat forms
- 10) Bilabial sounds
- 11) Index areas
- 12) Compensatory Curves
- 13) Lip Lines
- 14) Components of dental implants
- 15) Soldering
- 16) Guiding Planes
- 17) Modiolus
- 18) Pterygomaxillary notch

PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Write in detail about the biomechanical considerations for preparation of tooth for fixed prosthesis. 9

- 2) Define balanced occlusion. Write in detail about the various factors that contribute to balanced occlusion. 2+7=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Face bow
- 4) Mucocompressive impression technique
- 5) Obturators
- 6) Hygienic pontic
- 7) Gingival Retraction
- 8) Partial veneer crown
- 9) Linguoplate Major connector
- 10) Flexibility of retentive arm

WRITE BRIEFLY ON: 10x2=20

- 11) Significance of centric relation
- 12) Relief areas in maxillary arch
- 13) Bonwill equilateral triangle theory
- 14) Auxiliary rest seat
- 15) Survey lines
- 16) Closest speaking space
- 17) Cervical finish lines
- 18) Finishing and polishing agents for acrylic dentures
- 19) Prefabricated temporary crowns
- 20) Bulls Law

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION – JULY, 2018
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PROSTHODONTICS INCLUDING CROWN AND BRIDGE**Time : 3 Hours****Max. Marks : 70**

Note : : Answer all questions.

- 21) Enumerate the various components of a removable partial denture and discuss in detail about maxillary major connectors. 3+6=9

- 22) Discuss selection of abutment for FPD. 9

WRITE SHORT NOTES ON: 8x4=32

- 23) Mucostatic impression theory
- 24) Swing lock design
- 25) Kennedy's classification for removable partial denture
- 26) Anterior tooth selection for complete dentures
- 27) Obturator
- 28) Denture stomatitis
- 29) Functions of reciprocal arm
- 30) Suck back porosity

WRITE BRIEFLY ON: 10x2=20

- 31) Dowel pin
- 32) Syneresis and imbibition
- 33) Define Balanced occlusion
- 34) Labial frenum
- 35) Implants
- 36) Christenson phenomena
- 37) Significance of posterior palatal seal
- 38) Realeff
- 39) Lingual bar
- 40) House classification of patient's mental attitude

Q.P.CODE:429/409

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

BDS DEGREE EXAMINATION – JANUARY, 2018

FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) What are different types of Maxillomandibular jaw relations? 3+6=9
Explain in detail horizontal jaw relation.

- 2) Write in detail about provisional restorations. 9

WRITE SHORT NOTES ON: 8x4=32

- 3) Rest and Rest seats
- 4) Burning mouth syndrome
- 5) Endosseous implants
- 6) Articulators
- 7) Mechanical principles of tooth preparation
- 8) C-clasp
- 9) Resin bonded fixed partial denture
- 10) Over dentures. Discuss in brief

WRITE BRIEFLY ON: 10x2=20

- 11) Selective grinding procedures in complete denture
- 12) Enumerate the impression procedures for removable partial dentures
- 13) Denture adhesives
- 14) Pier abutment
- 15) Indirect retainers
- 16) Use of Radiographs in complete dentures
- 17) Hygienic pontic
- 18) Guiding planes
- 19) Impression objectives for complete denture fabrication
- 20) Three quarter crown and its indications

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION –JULY/AUGUST, 2017
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours

Max. Marks : 70

Note : : Answer all questions.

-
- | | | |
|----|--|---------|
| 1) | Define and classify Pontics. Write in detail about Sanitary Pontic | 2+3+4=9 |
| 2) | What are the objectives of impression making? Write in detail about retention in complete denture. | 3+6=9 |

WRITE SHORT NOTES ON:

8x4=32

- | | |
|-----|---|
| 3) | Posterior palatal seal |
| 4) | Post insertion instructions to be given to a complete denture patient |
| 5) | Indications for relining the complete denture |
| 6) | Kennedy's classification |
| 7) | Parts and uses of surveyor |
| 8) | Applegate's rules |
| 9) | Virginia Bridge |
| 10) | Gingival Retraction in Fixed Partial dentures |

WRITE BRIEFLY ON:

10x2=20

- | | |
|-----|---|
| 11) | Ante's law |
| 12) | Advantages of immediate complete dentures |
| 13) | Bull's law |
| 14) | Parts of a combination clasp |
| 15) | Parts of Implant |
| 16) | Advantages of a Fiber post |
| 17) | Epulis Fissuratum |
| 18) | Significance of Buccal shelf area |
| 19) | Tube impression |
| 20) | Free way space |

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
 BDS DEGREE EXAMINATION – JANUARY, 2017
 FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours
Max. Marks : 70

Note : : Answer all questions.

1)	Write in detail on balanced occlusion in complete dentures.	9
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2)	What are the principles of tooth preparation? Explain each in detail.	3+6=9
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<u>WRITE SHORT NOTES ON:</u>	8x4=32
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- | | | |
|-----|---|--|
| 3) | Osseointegration | |
| 4) | Direct retainers | |
| 5) | Maxillary anatomical landmarks and stress bearing areas | |
| 6) | Semi adjustable articulator | |
| 7) | Partial veneer crown | |
| 8) | Mandibular major connectors | |
| 9) | Over dentures | |
| 10) | Obturators | |

<u>WRITE BRIEFLY ON:</u>	10x2=20
---------------------------------	---------

- | | | |
|-----|--|--|
| 11) | Eccentric jaw relation | |
| 12) | Tissue conditioners | |
| 13) | Impression techniques in removable partial denture | |
| 14) | Retention in complete denture | |
| 15) | All ceramic restorations | |
| 16) | Selective grinding | |
| 17) | Vertical projection clasps | |
| 18) | Pier abutment | |
| 19) | Classification of partially edentulous arch | |
| 20) | Porosities in denture bases | |

- - -

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
 BDS DEGREE EXAMINATION –JULY/AUGUST, 2016
 FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours
Max. Marks : 70

Note : : Answer all questions.

1)	What are the components of removable partial denture? Write in detail about maxillary major connectors.	5+4=9
----	---	-------

2)	Explain anatomical landmarks and their biological considerations for maxillary and mandibular impression making.	6+3=9
----	--	-------

<u>WRITE SHORT NOTES ON:</u>	8x4=32
-------------------------------------	--------

- | | | |
|-----|--|--|
| 3) | Survey lines | |
| 4) | Mechanical principles of tooth preparation | |
| 5) | Immediate dentures. | |
| 6) | Pontic design | |
| 7) | Endosseous implants | |
| 8) | Neutral zone | |
| 9) | Minor connectors | |
| 10) | Resin bonded bridges | |

<u>WRITE BRIEFLY ON:</u>	10x2=20
---------------------------------	---------

- | | | |
|-----|--|--|
| 11) | Gingival retraction | |
| 12) | Relining and Rebasing | |
| 13) | Phonetics | |
| 14) | Stability in complete dentures | |
| 15) | Die materials | |
| 16) | Mental attitude of edentulous patients | |
| 17) | Soldering | |
| 18) | Gypsum bonded investment material | |
| 19) | Rest seat | |
| 20) | RPI system in removable partial dentures | |

- - -

409/429
LIBRARY

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA :: AP
BDS DEGREE EXAMINATION - JANUARY, 2016
FIFTH (NR)& FINAL BDS EXAMINATION (OR & NR)
PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours

Max. Marks : 70

Note : : Answer all questions.

- 1) Define vertical jaw relation. Classify the methods of recording it, what are the effects of increased and decreased vertical dimension. 1+3+5=9

- 2) Describe the steps in tooth preparation of Maxillary central incisor for Porcelain fused to metal restoration 9

WRITE SHORT NOTES ON:

8x4=32

- 3) Resin bonded fixed partial dentures
- 4) Complete denture - Try in
- 5) Dentogenics
- 6) Advantages of implant supported complete denture over conventional complete denture
- 7) Gingival tissue retraction
- 8) Diagnostic casts and its uses in removable partial denture
- 9) Connectors in fixed partial dentures
- 10) Posterior palatal seal area

WRITE BRIEFLY ON:

10x2=20

- 11) Primary stress bearing area in maxillary edentulous arch
 - 12) Incisive Papilla
 - 13) Epulis fissuratum
 - 14) Undercut gauge in surveyor
 - 15) Ante's law
 - 16) Plane of occlusion
 - 17) Sprue former
 - 18) Cingulum rest
 - 19) Compression moulding method
 - 20) Die spacer
-

Time : 3 Hours**Max. Marks : 70**

Note : : Answer all questions.

- | | | |
|----|---|---|
| 1) | What is Residual Ridge Resorption? Discuss the steps you will take to minimize the same during fabrication and maintenance of complete denture. | 9 |
| 2) | How would you register the occlusal relation of partial edentulous jaws? Explain principles of removable denture prosthesis occlusion. | 9 |

WRITE SHORT NOTES ON:

8x4=32

- | | | |
|-----|---------------------------------|--|
| 3) | All Ceramic Crowns | |
| 4) | Burning Mouth Syndrome | |
| 5) | Occlusal rest | |
| 6) | Semi adjustable articulator | |
| 7) | Elastomeric impression material | |
| 8) | Tripodizing | |
| 9) | Periimplantitis | |
| 10) | Posterior tooth form | |

WRITE BRIEFLY ON:

10x2=20

- | | | |
|-----|-------------------------|--|
| 11) | Putty – wash impression | |
| 12) | Titanium alloy | |
| 13) | Denture base materials | |
| 14) | Incisal guidance | |
| 15) | Relief areas in maxilla | |
| 16) | Denture adhesives | |
| 17) | Pier abutment | |
| 18) | Palatal defects | |
| 19) | Denture rebasing | |
| 20) | Telescopic crown | |

**BDS DEGREE EXAMINATION – JANUARY, 2015
FIFTH (NR)& FINAL BDS EXAMINATION (OR & NR)
PROSTHODONTICS INCLUDING CROWN AND BRIDGE**

Time : 3 Hours

Max. Marks : 70

Note : : Answer all questions.

1) Define balanced occlusion. Discuss in detail the factors affecting balanced occlusion in complete denture. **2+7=9**

2) Define indirect retainer. What are the requirements of an indirect retainer? Write about various forms of indirect retainers in detail. **2+3+4=9**

WRITE SHORT NOTES ON: **8x4=32**

3) Denture induced hyperplasia

4) Die materials

5) Gingival retraction

6) Age factor in dentogenic concept

7) Methods of recording posterior palatal seal

8) Non anatomic teeth

9) Methods of recording vertical dimension

10) Classification of posts

WRITE BRIEFLY ON: **10x2=20**

11) Bullet shaped pontic

12) Indications and contraindications of porcelain jacket crown

13) Surveying tools

14) Applegate's rules for Kennedy's classification

15) Ante's law

16) Non-rigid connectors in fixed partial dentures

17) Flux and anti flux

18) Retromolar papillae

19) Cingulum rest

20) Implant

- - -

BDS DEGREE EXAMINATION - JULY, 2014
FIFTH (NR)& FINAL BDS EXAMINATION (OR & NR)
PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours

Max. Marks : 70

Note : : Answer all questions.

1) Define facebow. Give classification and utility of face bow 2+3+4=9
in complete denture Prosthodontics.

2) Discuss the management of endodontically treated 9
abutment tooth in fixed dental prosthesis.

WRITE SHORT NOTES ON: 8x4=32

3) Single complete denture

4) Denture stomatitis

5) Dental solder

6) All ceramic crown

7) RPI concept

8) Balanced occlusion

9) Stress breakers

10) Obturator

WRITE BRIEFLY ON: 10x2=20

11) Kennedy's classification

12) CAD / CAM restoration

13) Disinfection of impression

14) Pindex system

15) Cantilever restoration

16) Dual arch impression

17) Gothic arch tracing

18) Denture cleansers

19) Refractory cast

20) Selective grinding in complete denture

- - -

**BDS DEGREE EXAMINATION – JANUARY, 2014
FIFTH (NR)& FINAL BDS EXAMINATION (OR & NR)
PROSTHODONTICS INCLUDING CROWN AND BRIDGE**

Time : 3 Hours

Max. Marks : 70

Note : : Answer all questions.

1) What are the principles of tooth preparation? Explain each in detail. **4+5=9**

2) Write in detail special impression techniques in RPD and add a note on preparation of altered cast and its uses. **4+3+2=9**

WRITE SHORT NOTES ON: **8x4=32**

3) Selective pressure impression technique

4) Gingival retraction

5) Posterior palatal seal

6) Neutral zone

7) Investment materials

8) C-clasp

9) Partial veneer crown

10) Survey lines

WRITE BRIEFLY ON: **10x2=20**

11) Non rigid connectors

12) Perel pontic

13) Secondary stress bearing areas

14) Dimpling

15) Phonetics

16) Ceramic veneers

17) Neutrocentric concept

18) Extracoronal attachments

19) Rest position of mandible

20) Guiding planes

- - -

BDS DEGREE EXAMINATION – JANUARY/FEBRUARY, 2013
 FOURTH (NR) AND FINAL BDS EXAMINATION (OR & NR)
 FIFTH BDS EXAMINATION (NR)
PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours

Max. Marks : 70

Note : : Answer all questions.

1) Define an overdenture. Discuss the advantages and disadvantages of overdentures and the various types of attachments for overdentures. 2+1+1+5=9

2) Discuss the principles of clasp design. 9

WRITE SHORT NOTES ON:

8x4=32

3) Denture Sore Mouth

4) Selection of fixed partial denture abutment

5) Significance of centric relation

6) Kennedy's classification

7) Impression techniques in fixed partial dentures

8) Minor connectors

9) Retention for complete dentures

10) Dentogenic concept

WRITE BRIEFLY ON:

10x2=20

11) Osseointegration

12) Functional cusp bevel

13) Ante's Law

14) Preliminary impression materials

15) Trial denture base

16) All ceramic crowns

17) Maryland bridge

18) Ovate pontic

19) Christiansen's Phenomenon.

20) Obturators

- - -

BDS DEGREE EXAMINATION – AUGUST, 2013
FINAL BDS EXAMINATION (OR & NR)
FIFTH BDS EXAMINATION (NR)
PROSTHODONTICS INCLUDING CROWN AND BRIDGE

Time : 3 Hours

Max. Marks : 70

Note : : Answer all questions.

21) Define articulators. Give classification, uses of articulators and discuss in detail about semi adjustable articulator. 1+2+1+5=9

22) Write briefly on requirements of major connectors. Add notes on the advantages and disadvantages of maxillary major connectors. 9

WRITE SHORT NOTES ON:

8x4=32

23) Immediate dentures

24) Fibre reinforced bridges

25) Die materials

26) Pre-prosthetic surgery

27) Dental ceramics

28) Resin bonded bridges

29) Casting defects

30) Hinge axis

WRITE BRIEFLY ON:

10x2=20

31) Splints and stents

32) Retromolar pad

33) Precision attachments

34) Anterior reference points

35) Disinfecting dentures

36) Sanitary pontic

37) Primary stress bearing area

38) Endosseous implant

39) Pier abutments

40) Tissue conditioners

409/429-BDS DEGREE EXAMINATION – JANUARY/FEBRUARY, 2013

1..Define an overdenture. Discuss the advantages and disadvantages of overdentures and the various types of attachments for overdentures=2+1+1+5=9m

2..Discuss the principles of clasp design=9m

Write Short Notes On: 8 x 4=32m

3..Denture Sore Mouth

4..Selection of fixed partial denture abutment

5..Significance of centric relation

6..Kennedy's classification

7..Impression techniques in fixed partial dentures

8..Minor connectors

9..Retention for complete dentures

10.Dentogenic concept

Write Briefly On: 10 x 2=20m

11.Osseointegration 12.Functional cusp bevel

13.Ante's Law 14.Preliminary impression materials

15.Trial denture base 16.All ceramic crowns

17.Maryland bridge

18.Ovate pontic

19.Christiansen's Phenomenon.

20.Obturator

409/429-BDS DEGREE EXAMINATION – AUGUST, 2012

1..Define and Classify major connectors and describe maxillary major connectors=9m

2..Principles of tooth preparation for a fixed partial denture. Explain each in detail=9m

Write Short Notes On: 8 x 4=32m

3..Circumferential clasps

4..Selection of luting agents

5..Balanced occlusion

6..Types of fixed partial dentures

7..Semi adjustable articulator

8..Cingulum Rests

9..Aims and objectives of impression making.

10..Gingival retraction

Write Briefly On: 10 x 2=20m

409-FINAL BDS (O.R) DEG. EXAMINATION – JANUARY, 2012-PROSTHODONTICS

1..Define retention and resistance in fixed partial dentures. What are the factors affecting retention and resistance in posterior tooth preparation?=9m

2..Describe the principles involved in RPD designing=9m

Write short notes on: 8 x 4=32m

1.Survey lines

4.Posterior palatal seal

5.Denture resins

6.Obturator

7.Swing lock dentures

8.Cantilever fixed partial denture

9.Non rigid connectors

10.Rochette bridge

Write Briefly On:

11.Stress breakers

12.Advantages of over dentures

13.Ideal abutments

14.Advantages of partial veneers

15.Indirect retainers

16.Merits-Face bow

17.Denture adhesives

18.Vertical dimension at rest

19.Soldering

20.Screw retained prosthesis

409-FINAL BDS DEGREE EXAMINATION (OR)– JULY, 2011-PROSTHODONTICS

1..Write an essay on sequelae of complete denture wearing=9m

2..Name the component parts of a bridge. Define and classify pontics and add a note on selection of pontic design and requirements of pontic=9m

Write Short Notes On: 8x 4 =32m

3..Ear prosthesis

4.Ante's Law

5.Finish lines

6.Impression compound

7.Alveolingual sulcus

8..Occlusal rests

9..Armani's classification

10.Gingival retraction

Write Briefly On: 10 x 2 =20m

11.RPI concept

12.Altered impression technique

13.Immediate over dentures

14. Refining & rebasing 15. Implants 16. Functions of saliva 17. Direct retainers
 18. Articulators-classification 19. Surveyors 20. Provisional restoration

409-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2011-PROSTHODONTICS

- 1..Define “Centric Jaw Relation”. Mention in brief various methods of recording it=9m
 - 2..Discuss principles of tooth preparation in detail=9m
- Write Short Notes On: $8 \times 54 = 32m$
3. Die materials 4..Neutral Zone 5..Anterior teeth selection 6..Repair of complete Denture
 7. Physiologic rest position 8. Denture stomatitis 9. Functional impression procedures for distal extension
 10. Post and core crowns
- Write Briefly On: $10 \times 2 = 20m$
11. Anterior partial veneer crown 12. Retention 13. Stability 14. Maxillary major connectors
 15. Sanitary pontic 16. Endosseous implants 17. Ring clasp 18. Immediate Denture
 19. Pier abutment 20. Splints

409-FINAL BDS DEG. EXAMINATION – JULY, 2010-PROSTHODONTICS INCLUDING

PART-A

1. Define immediate complete denture. Write in detail the steps in making immediate complete Denture=9m
- Write Short Notes On= $4 \times 4 = 2$. Pontic 3. Obturator 4. Circumferential clasp 5. Fluid wax technique
- Write Briefly On: $=5 \times 2 = 6$. Gunning splint 7. Retromolar pad 8. Overdenture
9. Parts of implant 10. Tensio friction

PART-B

11. Discuss diagnosis & treatment planning in a case of Kennedy's class I partially edentulous Situation
- Write Short Notes= $4 \times 4 = 12$. Occlusal Rest 13. Cummer arm 14. Cap splint 15. Gingival retraction
- Write Briefly On: $=5 \times 2 = 16$. Posterior palatal seal 17. Indirect retention
18. Polished surface 19. Enameloplasty in R.P.D. 20. Ante's Law

409-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2010-PROSTHODONTICS

PART-A

1. Define centric relation. Explain its significance. Discuss the various methods of recording centric relation in edentulous patients=9m
- Write Short Notes On= $4 \times 4 = 16m$
2. Denture stomatitis 3. Anterior tooth selection for complete dentures
 4. Objectives of impression making 5. Methods of training the patient to retrude mandible
- Write Briefly On: $=5 \times 2 = 6$. Porcelain denture teeth 7. Define articulator. Classify them
8. Abutment considerations of overdentures 9. Need for periodic recall of complete denture patients
 10. Hinge Axis

PART-B

11. Define pontic. Discuss in detail about pontic designs=9m
- Write Short Notes On= $4 \times 4 = 16m$
12. Resin bonded fixed partial dentures 13. Define surveyor. What are the objectives of surveying?
 14. Kennedy's classification 15. Indirect retainers
- Write Briefly On= $5 \times 2 = 16$. Immediate partial dentures 17. Reciprocation
18. Need for temporization 19. Pier abutments 20. Pindex system

409-FINAL BDS DEGREE EXAMINATION – AUGUST, 2009-PROSTHODONTICS

PART-A (35 MARKS)

1. Define stability and discuss various factors affecting stability in complete dentures=9m
- Write Short Notes On: $4 \times 4 = 16m$
2. Immediate complete dentures 3. Relief areas 4. Articulators 5. Endosseous implants
- Write Briefly On: $5 \times 2 = 10m$
6. Classify impression materials 7. Denture adhesives 8. Define face bow. Enumerate its types

PART-B(35 MARKS)

11. Enumerate the parts of Removable Partial Denture. Define major connector. Give their ideal requirements and describe Maxillary Major Connectors.=9m

Write Short Notes On: 4 x 4 =16m

12. Define rest. Describe the functions and design of occlusal rests.

13. Design considerations for Kennedy's Class I situations.

14. Gingival Retraction

15. Indications and advantages of all ceramic crowns

Write Briefly: 5 X 2=16. Triple tray impressions 17. Define pontic. Enumerate types of pontic

18. Cingulum rest

19. Parts of surveyor

20. Advantages of vertical projection clasps

409-FINAL BDS DEGREE EXAMINATION – MARCH, 2009-PROSTHODONTICS**PART – A**

1. What are overdentures. Enumerate the advantages and indications. Discuss in detail about abutment selection and preparation=9m

Write Short Notes On:= 4X4=2. Methods of recording vertical jaw relation

3. Burning mouth syndrome 4. Relining complete dentures 5. Hanau's quint

Write Briefly On:= 5X2=6. Neutrocentric concept 7. Materials used for primary impressions

8. Use of radiographs in complete denture cases 9. Semianatomic teeth 10. Bennett angle

PART-B

11. Describe the steps of tooth preparation of maxillary central incisor for porcelain fused to metal Restoration=9m

Write short notes: =4X4=12. Luting agents in FPD 13. Define abutment. Enumerate types of abutments 14. RPI system 15. Minor connectors

Write Briefly On:= 5X2=16. Guide planes 17. Enumerate the objectives of surveying

18. Reverse circlet clasp

19. Ovate pontics

20. Implants

409-Final Bds Degree Examination – August/September, 2008-Prosthodontics**PART – A**

1. Define complete denture impression. Discuss in detail aims and objectives of impression making=9m

Write Short Notes On: =4X4=16m=2. Arbitrary face bow

3. Enumerate methods of recording vertical dimension at occlusion

4. Correction of occlusal disharmony 5. Significance of centric relation

Write Briefly On:= 5X2=10m=6. Neutral zone 7. Posterior tooth form

8. Combination syndrome 9. Endosseous implant 10. Stress bearing areas

PART-B

11. What are the principles of tooth preparation? Explain each in detail=9m

Write Short Notes On=4X4=16m=12. Kennedy bar

13. Indications, contra indications, advantages and disadvantages of partial veneer crown.

14. Temporization

15. Gingival retraction

Write Briefly On:= 5X2=16. Survey line 17. Canine guided occlusion 18. Sanitary Pontic

19. Bar clasp

20. Functional cusp bevel

409-Final Bds Deg Exam– March, 2008-Prosthodontics Including Crown And Bridge**PART – A**

1. Define articulators. Give classification, uses of articulators and discuss in detail about a semi adjustable articulator=9m

Write Short Notes On:= 4x4= 2. Obturators 3. Factors affecting stability of complete dentures

4. Methods of recording centric jaw relation 5. Effect of incorrect vertical dimensions

Write Brief Notes On =5x2=6. Compensating curve 7. Gothic arch tracing 8. Splints

PART – B

11. Define and classify Pontics. Write in detail indications, design and advantages of different types of Pontics=9m

Write Short Notes On:= 4x4=12. Indirect retainers 13. Factors affecting clasp retention

14. Maxillary major connectors 15. Casting defects

Write Brief Notes On:= 5x2=16. Guiding planes 17. Pier abutment 18. Reciprocation

19. Resin bonded bridges 20. Indications and contraindications for porcelain jacket crown.

409-NR-FINAL B.D.S DEGREE EXAMINATION –OCTOBER, 2007-PROSTHODONTICS

Part-A

1. What is balanced articulation and mention its importance. Describe the factors responsible for balanced articulation in complete dentures =9m

Write short notes on: 4 x 4 =16m; 2. Face bow 3. Dentogenic concept

4. Selective pressure impression technique 5. Posterior palatal seal

Write briefly on: 5 x 2 =10m; 6. Define retention and stability 7. Significance of retromolar pad

8. Free way space 9. Physiologic rest position 10. Bennet angle

Part-B

11. Discuss in detail the principles of tooth preparation to receive artificial crown=9m

Write short notes on: 4 x 4 =12. Kennedy Applegate classification for partially edentulous arches

13. Cements used in Fixed Partial Denture 14. Minor connectors 15. Occlusal rest

Briefly: 5 x 2 =10. Dowel post 17. Define path of insertion and path of removal in partial denture

18.RPI System 19. Neutral zone 20. Ring clasp

APRIL, 2007

PART – A

1. Define vertical jaw relations. Describe various methods for recording V.R.

2. Write short notes on: 4x4=16=a) Purpose and evaluation of peripheral tracing of special trays

b) Rationale for overdentures. c) Dentogenics d) Denture sore mouth

3. Write briefly on: 5x2=10=a) Differentiate between relining and rebasing b) Selective grinding

c) Significance of retromolar pad d) Obturators e) Posterior palatal seal

PART – B

4. Define Pontics and discuss in detail various types of pontics. 9

5. Write short notes on: 4x4=16=a) Occlusal rest seat preparation on mandibular first molar

b) Indirect retainer – types and functions c) Contra indications for FPD d) RPI Assembly

6. Write briefly on: 5x2=a) Porosities in denture bases b) Chemicals used for gingival retraction

c) Rationale for functional impression for distal extension cases

d) Indications for PFM jacket crowns e) Axioproximal grooves

409-OR- FINAL B.D.S DEGREE EXAMINATION – APRIL, 2007 PROSTHODONTICS

PART - A

1. Write in detail about rationale for balanced articulation and factors governing it in complete dentures.

2. Write short notes on: 6x5 = 30=a) Aims and objectives of Prosthodontic Treatment.

b) Anatomical landmarks around the periphery of lower denture. c) Anterior teeth selection.

d) Post insertion instructions to complete denture wearer e) Relining of complete denture

f) Face bows

PART - B

3. Write in detail about principles and steps in preparation of Mandibular 1st Right molar to receive porcelain fused to metal full veneer crown.10

4. Write short notes on: 6x5 =a) Pontics b) Provisional Crowns c) RPI clasp assembly

d) Casting defects e) Lingual bar f) Applegate's modification of Kennedy's classification

OCTOBER-2006

Part-A

1. Define stability and discuss various factors affecting stability in complete dentures.=9m
2. Write short answers on: 4 x 4 =16m; a) Purposes of Try-In in CD
b) Consequences of Single C.D.opposing natural dentition c) Posterior teeth selection
d) Methods for recroding posterior palatal seal
3. Write briefly on: 5 x 2 =10m; a) Methods of pouring casts b) Surgical template
c) Differences between natural dentition and artificial dentition d) Types of face bows
e) Non conventional means for retention of complete dentures

Part-B

4. Define direct retainers and discuss in detail about requirements & principles in designing direct retainers=9
5. Write short answers on: 4 x 4 =16m; a) Biomechanical principles of tooth preparation for crowns
b) applegate's rules governing Kennedy's classification of partially edentulous arches
c) Indications and contraindications for partial veneer crowns for anterior teeth d) Precision attachments
6. Write briefly on: 5 x 2 =10m; a) Various dental alloys for FPDs
b) Causes for nodules on fitting surface of cast crowns c) Indications for metallic temporary crowns
d) Disadvantages of Horse-shoe type major connectors e) Vein's classification of cleft palate

APRIL-2006.

Part-A

1. Discuss in various post-insertion problems in edentulous patients using complete dentures=9m
2. Write short notes on: 4 x 4 =16m; a) Various Theories of impression making of edentulous arches
b) Anterior teeth selection c) Physiologic rest position and its significance d) Articulators
3. Write briefly on: 5 x 2 =10m; a) Significance of Incisive papilla b) Lingualised occlusion
c) Enumerate factors affecting balanced occlusion d) Types of Bar retained over dentures
e) Advantages of immediate complete dentures

Part-B

4. Describe in detail about the steps in preparation of tooth for receiving full metal crown=9m
5. Write short notes on: 4 x 4 =16m; a) Maxillary major connectors b) Veneering materials
c) Connectors in fixed partial dentures d) Dental model surveyor
6. Write briefly on: 5 x 2 =10m; a) Prothero's cone theory b) Suck back porosity
c) Disadvantages of subgingival finish lines d) Solders for dental cast unit assembly
e) Tooth coloured cements for all porcelain crowns

OCT./NOV.2005 – N.R.

Part-A

1. What are the various post insertion problems in complete denture? Enumerate the reasons for it and their management =9marks
2. Write short notes on: 4 x 4 =a) Tissue conditioners b) Articulators
c) Selective pressure impression technique d) Face Bow
3. Write briefly on: 5 x 2 =10marks; a) Retention in maxillo facial prosthesis b) Types of implants
c) Over denture d) House's palate classification e) Christensen's Phenomenon

Part-B

4. Define major connectors and write in detail about requirements and types of mandibular major connectors.9
5. Write short notes on: 4 x 4 =16marks; a) Provisional restoration b) Luting agents in F.P.D.
c) Ceramics d) Rests in R.P.D. e) Rests in R.P.D.
6. Write briefly on: 5 x 2 =10marks; a) Pier abutment b) Hygienic pontic c) Survey lines
d) Types of occlusion in F.P.D. e) Connector in F.P.D.

MAR/APR.2005(N.R.)

Part-A

1. Define balanced occlusion.Explain its significance.What are the factors affecting it? Explain each in detail
2. Write short notes on: 4 x 4 =16marks; a) Posterior palatal seal b) Dentogenic concept
c) Indications and contraindications for Relining and Rebasings d) Materials for maxillo facial prosthesis
3. Write briefly on: 5 x 2 =10marks; a) Posterior tooth forms b) Hinge axis
c) Factors affecting complete denture retention d) Osseo integration e) Maxillary anatomic landmarks

Part-B

4. What are the principles in tooth preparation? Explain each in detail =9marks
5. Write short notes on: 4 x 4 =16marks; a) Classification of Partially Edentulous Arches
b) Kelly's combination syndrome c) Maxillary major connectors d) Physiologic impression in R.P.D.
6. Write briefly on: 5 x 2 =10marks; a) Casting defects b) Disadvantages of partial veneer crown
c) Reversible hydrocolloid d) Minor connectors e) Shade selection

OCTOBER, 2004.

Part-A

1. Classify Jaw Relation. Define Centric Relation. Explain its clinical significance. What are the methods for recording centric relation? Explain one in detail =9marks
 2. Write short notes on: 4 x 4 =16marks; a) Pre Prosthetic Surgery
b) Advantages and disadvantages of immediate denture c) Mental attitude of patients d) Obturators
 3. Write briefly on: 5 x 2 =10marks; a) Parts of Implant b) Over denture
c) Final Impression materials for complete denture d) Polished surface e) Realeff Effect
- Part-B
4. Define a Surveyor. Mention its parts. Explain in detail step to step procedure in Surveying =9marks;
 5. Write short notes on: 4 x 4 =16marks; a) Pontics b) Finish Lines in F.P.D. c) Abutment selection
d) Impression materials in F.P.D.
 6. Write briefly on: 5 x 2 =10marks; a) Tenso friction b) Retraction Cord c) Reciprocation in R.P.D.
d) Ante's law e) Enameloplasty in R.P.D.

APRIL, 2003 (N.R.)

Part-A

1. Discuss in detail about insertion, instructions and after care of complete denture =9marks
2. Write short answers on: 4 x 4 a) Vestibulo plasty b) Retention in complete denture c) Trial denture
d) Inter occlusal recording media
3. Write brief answers: 5 x 2 - a) Buccal shelf area b) Dentogenic concept c) Neutral zone
d) Laboratory remounting e) Posterior palatal seal

Part-B

4. Describe the principles of abutment preparation for fixed partial denture =9marks
5. Write short notes on: 4 x 4 =a) Limitations of Kennedy's classification of partially edentulous spaces
a) Direct-indirect retention c) Surveyor d) Die spacer
6. Write brief answers: 5 x 2 =a) Shoulder b) Fulcrum lines c) Cerestore d) Ring clasp e) Tripoding.

(NEW REGULATIONS) – OCTOBER, 2002. Time: 3 hours - Max. Marks: 70

Part-A

1. Define an impression. Discuss in detail about the most widely accepted technique of making impression in complete denture treatment =9marks
2. Write short answers on: 4 x 4 -a) Face bow b) Principles of arrangement of teeth in complete denture c) Drawbacks of Single Complete Denture d) Obturator
3. Write briefly on: 5 x 2 - a) Incisive Papilla b) Atmospheric Pressure c) Polished surface
d) Cuspless teeth e) Clinical remounting

Part-B

4. Define a removable partial denture. How do you choose a direct retainer for a removable partial denture case.
5. Write short answers: 4 x 4 - a) Immediate Partial Denture b) Blockout procedure in Cast Partial Denture
c) Provisional restoration d) Gingival retraction
6. Write briefly on: 5 x 2 - a) Chamfer b) Ante's law c) Dicor. d) Half & Half Clasp e) Stress breaker

FINAL B.D.S. 20th APRIL, 2001.

Part-A

1. Define complete Denture impression. Discuss various theories of impression making =10marks
2. Short Notes: a) Incisive Papilla b) Metallic denture bases c) Gothic arch tracing d) Face bow
e) Rationale of balanced occlusion f) Advantages of over dentures =6x5=30marks

Part-B

3. Discuss the principles of tooth preparation to receive artificial crown =10marks
4. Short Notes: a) U-Shaped or Horseshoe shaped major connector b) Gingival approaching clasp
c) Adhesive bridge d) Surveying tools e) Disadvantages of Ridgelo type Pontic f) Implant material =6x5

OCTOBER 2000.

Part-A

1. Define centric relation and discuss the different methods and significance of recording centric relation =10
2. Short Notes: a) Roaleff b) Selective grinding of the teeth c) Free way space d) Epulis fissuratum
e) Incisal guidance f) Selection of posterior teeth =6x5=30marks

Part-B

3. Discuss how would you achieve stress equalization in Kennedy's class-I & Class-II situation =10marks
4. Short Notes: a) Provisional restorations b) Finish lines c) RPI System d) Direct-Indirect retention
e) Swing lock dentures f) Factors influencing the retention of clasp =6x5=30marks

APRIL 2000.

Part-A

1. Define articulator. Mention the different types of articulators and discuss on semi adjustable articulator=10
2. Short Notes: a) Selective pressure impression technique b) Obturators c) Retention in complete dentures
d) Problems encountered in single denture construction e) Condoler guidance
f) Significance of recording centric relation =6x5=30marks

Part-B

1. Define fixed partial denture. Mention the different types of retainers and the criteria for the selection of the retainers. Add a note on care of the prosthesis =10marks
2. Short Notes: a) Kennedy's Classification b) Rubber base impression material c) Ossointegration
d) Surveying e) PFM (Porcelain fused to metal restoration) f) Mouth preparation in R.P.D. =6x5

20th OCTOBER, 1999.

Part-A

1. Define impression and discuss the various impression procedures in complete denture patients. And add a note on the selection of the material =10marks
2. Short Notes: a) Face bow b) Balanced occlusion c) Posterior palatal seal area and post damming
d) Principles in the arrangement of teeth e) Residual ridge resorption f) Neutral zone =6x5

Part-B

3. Define major connector. Mention the different types and discuss the criteria for selection of a major connector =10marks
4. Short Notes: a) gingival retraction in F.P.D. b) Functions of minor connector c) Ante's Law
d) Aker's clasp e) Pontic design and selection f) Indirect retainer =6x5=30marks

19th APRIL 1999.

Part-A

1. Define centric relation. Write in detail any one method of recording Centric relation in a complete Denture patient=10M
2. Short Notes: a) Anatomical Articulator b) Face bow c) Try in Procedure d) Non Anatomical Teeth
e) Ring clasp f) Partial Veneer Crow =6x5=30marks

Part-B

3. Discuss the principles of preparation of Abutment Teeth for Partial Veneer Crown =10marks
4. Short Notes: a) Porcelain Teeth b) Vertical Dimension c) Selection of Anterior Teeth
d) Metal ceramic crown e) Dowel Crown f) Splints =6x5=30markS

20th October, 1998.

Part-A

1. What are the types of jaw relations. Write in detail about the definition and different methods of recording vertical jaw relation =10marks
- 2.a) Primary stress bearing areas b) Relining & rebasing of complete denture
c) Advantages of Immediate denture d) Tissue conditioner
e) Impression procedure for distal extension PD f) Soldering, its implications & procedures

Part-B

1. Define retainer in F.P.D. Classify the retainers in FTD and describe the step by step preparation of a posterior tooth to receive a complete veneer crown =10marks
2. Short Notes: a)Disadvantages of stress breakers b) Combination clasp c) Immediate obturator
d) Gingival retraction e) Pain control in tooth preparation for retainer prosthesis
f) Double Impression technique in FPD. =6x5=30m

20th APRIL 1998.

Part-A

1. Define retention, stability and support in complete denture. Write in detail about the factors influencing retention=10marks
2. Short Notes: a) Requirements of an Articulator b) Selective compression theory c) Surgical splints
d) Significance of retromolar pad e) Direct retainers in removal partial denture
f) Instructions to patients receiving complete dentures =6x5=30marks

Part-B

3. Define indirect retainer. Describe the indications and reasons for the use of indirect retainers and its requirements=10marks
4. Short Notes: a) Pre-prosthetic surgical management in complete denture b) Functions of Occlusal rest
c) Principles of tooth preparation d) Gingival finish lines e) Axio-Proximal grooves
f) Applegate rules for Kennedy's classification of partially edentulous arches =6x5=30marks

28th OCTOBER 1997.

Part-A

1. Define the term centric relation. Mention the significance of centric jaw relation. Enumerate the methods of recording centric relation. Describe in detail your method of choice for recording centric jaw relation =10m
2. Short Notes: a) Controlled pressure theory of impression making b) Resilient liners c) Full veneer crown
d) Connectors in fixed partial dentures e) Altered cast technique =5x5=25marks

Part-B

1. What is direct retainer. Describe the parts of a direct retainer. What are the requirements of an ideal group clasp design =10marks
2. Short Notes: a) Saliva its role in complete dentures b) Minor connector c) Guide planes
d) Post core crowns e) Obturators f) Significance of radiographs in fixed partial dentures =6x5=30

QP.CODE: 432/408-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – APRIL 2025

FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION

PUBLIC HEALTH DENTISTRY

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

1) Define index, write on community periodontal index of treatment needs **2+7=9**

2) National Cancer Control Programme **9**

WRITE SHORT NOTES ON :

8x4=32

- 3) Concept of Health
- 4) Tooth Brush
- 5) Methods of Health Education
- 6) Host factors for dental caries
- 7) State Dental Council
- 8) Bias in Research
- 9) Health maintenance organization
- 10) Fluoride mouth rinses

WROTE BRIEFLY ON :

10X2=20

- 11) Functions of public health dentist
- 12) Types of sampling
- 13) Comprehensive dental care
- 14) Types of consent
- 15) Stephan curve
- 16) Colorado stain
- 17) Anganwadi worker
- 18) Types of pit and fissure sealants
- 19) Reasons for using GIC in ART
- 20) Personal protective equipment

QP.CODE: 432/408-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION –OCTOBER 2024

FOURTH (NR) FINAL BDS (NR&OR) EXAMINATION

PUBLIC HEALTH DENTISTRY

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

-
- 1) Define Epidemiology. Describe the steps in Descriptive Epidemiology 2+7=9
 - 2) Define and classify dental auxiliaries. Write about functions of a school dental nurse and a dental hygienist 1+3+2+3=9

WRITE SHORT NOTES ON :

8x4=32

- 3) Mechanism of action of fluoride
- 4) Path finder survey
- 5) Delta dental plan
- 6) Unethical dental practice
- 7) Normal curve
- 8) Various methods of disposal of waste
- 9) Steps in evaluation of a dental programme
- 10) Tertiary level of prevention

WROTE BRIEFLY ON :

10X2=20

- 11) A,P,F,Gel
- 12) Potable water
- 13) Barriers to health education
- 14) Student's T-test
- 15) Slow sand filter
- 16) Shoe leather survey
- 17) Determinants of health
- 18) Tables of allowance in dental payments
- 19) Mass media in oral health education
- 20) Importance of coefficient variation

Q.P.CODE:432/408-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – FEBRUARY, 2021

FIFTH (NR) & FINAL BDS EXAMINATION (NR)

PUBLIC HEALTH DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

- 1) Define primary levels of prevention. Describe primary preventive measure of common dental diseases in a community 2+7=9

- 2) List principles of Biostatistics. Describe methods of summarization of data 2+7=9

WRITE SHORT NOTES ON: 8x4=32

- 3) List the principles of dental ethics and discuss in detail any two ethics
4) Discuss Fluoride mechanism of prevention of dental caries
5) Caries vaccine
6) Discuss the third party payment mechanism in reimbursement to dental services
7) Discuss incremental dental care in school children
8) Consumer Protection Act and dentist
9) Atraumatic Restorative Treatment
10) Discuss the community preventive measures of oral cancer in rural India

WRITE BRIEFLY ON: 10x2=20

- 11) Disclosing agents
12) Name four duties of dental hygienist
13) List four principles of health education
14) What constitutes dental work force
15) What is random sample
16) Name four oral health misbelief that are existing in your area
17) Name four differences between public health dentistry and other branches of dentistry
18) Dental floss
19) UNICEF
20) Name examples of dental treatments which come under tertiary levels of prevention.

Q.P.CODE:432/408-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – SEPT/OCTOBER, 2020

FIFTH & FINAL BDS EXAMINATION (NR)

PUBLIC HEALTH DENTISTRY

Time: 3 Hours

Max. Marks: 70

Note: Answer all questions.

- 1) Define dental public health. Describe the characteristics of public health work 2+7=9

- 2) What are clinical trials? Describe the different phases of clinical trial 2+7=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Etiological factors in dental caries
- 4) Turku sugar study
- 5) Parametric tests of significance
- 6) Fones method of tooth brushing technique
- 7) Factors affecting the utilization of dental care
- 8) Comprehensive dental care
- 9) Salt water fluoridation
- 10) Group practice

WRITE BRIEFLY ON:

10x2=20

- 11) Optimum fluoride level in water
- 12) Functions of WHO
- 13) Tertiary level of prevention
- 14) Student's t-test
- 15) Longitudinal survey
- 16) UCR fees
- 17) Vitamin D
- 18) Reinforcement
- 19) Screening
- 20) Co-insurance

Q.P.CODE:432/408-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – JANUARY, 2020

FIFTH (NR) & FINAL BDS EXAMINATION (NR)

PUBLIC HEALTH DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

1) Define epidemiology. Write in detail the epidemiology of Dental Fluorosis. 2+7=9

2) Mention sources of water pollution. Write water purification methods. 3+6=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Concept of causation
- 4) Case control study
- 5) Fluoride Varnish
- 6) Steps of Planning
- 7) Approaches to Public Health Education
- 8) Setting up of a Dental Clinic
- 9) Modes of Intervention for Periodontal Diseases
- 10) Hospital Waste Disposal

WRITE BRIEFLY ON: 10x2=20

- 11) Principles of Primary Health Care
- 12) Tools of Public health
- 13) Hopewood House study
- 14) Index age groups
- 15) Nalgonda Technique
- 16) Blanket Referral
- 17) Taboos related to Oral health
- 18) Five sectors of Cariogram
- 19) Bias
- 20) Balanced Diet

Q.P.CODE:432/408-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – JULY, 2019

FIFTH & FINAL BDS EXAMINATION (NR)

PUBLIC HEALTH DENTISTRY

Time : 3 Hours Max. Marks : 70

Note: Answer all questions.

- 1) Define Ethics. Describe the ethical principles with suitable examples. 2+7=9

- 2) Define Health. Discuss the dimensions of Health in detail. 2+7=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Consumer Protection Act
- 4) Health maintenance organization
- 5) Caries vaccine
- 6) Principles of Epidemiology
- 7) Sensitivity and specificity
- 8) Anganwadi workers
- 9) Evaluation of Health Programs
- 10) International Health Agencies

WRITE BRIEFLY ON:

10x2=20

- 11) Potable water
- 12) Water fluoridation
- 13) Chlorhexidine mouth wash
- 14) CPITN probe
- 15) Measures of dispersion
- 16) School dental nurse
- 17) Capitation
- 18) Community participation
- 19) Mortality
- 20) Ice berg phenomena

PUBLIC HEALTH DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

- 1) Define Health and Public Health. Discuss briefly the tools of Dental Public Health 1+1+7==9

- 2) Define and classify Survey. Enumerate the procedural steps in conducting Survey. 1+2+6=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Tell Snow and Do
- 4) Topical Fluoride Application
- 5) Bias
- 6) Student 't' Test
- 7) Screening
- 8) Indian Dental Association
- 9) Disposal of Hospital Waste
- 10) CPITN

WRITE BRIEFLY ON:

10x2=20

- 11) Chalk and Talk
- 12) Composting
- 13) Vitamin 'D'
- 14) Theory of Multifactorial Causation
- 15) Co-insurance
- 16) Consent
- 17) EFDA (Expanded Functional Dental Auxiliary)
- 18) Ratio
- 19) Salivary Reductase Test
- 20) Capitation

PUBLIC HEALTH DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

- 1) Define Biostatistics. Describe various methods of presentation of data with neat diagrams. 2+7=9

- 2) Define health education. Describe the methods of health education at individual, group and mass approach. 1+2+3+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) World Health Organization
- 4) Spectrum of Health
- 5) Cariogram
- 6) Barrier technique for infection control
- 7) Space maintainers
- 8) Difference between case control and cohort study
- 9) Principles of ethics
- 10) Medicaid

WRITE BRIEFLY ON:

10x2=20

- 11) Nicotine replacement therapy
- 12) Dental Hygienist
- 13) Pilot survey
- 14) Knutson's technique
- 15) Modified bass technique
- 16) Prevalence
- 17) Denturist
- 18) Fee Schedules
- 19) Taboos in dentistry
- 20) Measures of central tendency

Q.P.CODE:432/408-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

B.D.S. DEGREE EXAMINATION – JANUARY, 2018

FIFTH & FINAL BDS EXAMINATION (NR)

PUBLIC HEALTH DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

- 1 Define plan. Explain the steps of a planning cycle to arrange a screening program for dental caries in rural population. 2+7=9
- 2) Classify various topical fluorides used in dentistry. Explain the dosage, application procedure, age group, frequency of application used in Knutson's Technique. 3+2+2+1+1=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Health care waste and its management
4) Conclusions of studies on diet and dental caries
5) Incremental dental care
6) Rapid sand filtration
7) Dentist Act of India 1948
8) Interdental cleansing aids
9) Expanded function dental auxiliaries
10) Vitamins and oral health

WRITE BRIEFLY ON:

10x2=20

- 11) Classify indices used in dentistry
12) Use of toluidine blue
13) Parts of a tooth brush
14) Incidence
15) Co insurance
16) Vipeholm study
17) Memory / recall bias
18) Potable water
19) Colorado stain
20) Iatrogenic disease

PUBLIC HEALTH DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

- 1) Define epidemiology. Discuss in detail about the host, agent and environmental factors in periodontal disease

1+3+3+2=9

- 2) Define survey. Classify surveys. Discuss the steps in surveying.

1+2+6=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Medicare
4) Atraumatic restorative treatment
5) Dental Council of India
6) Tools of dental public health
7) Snyder test
8) Incineration
9) Barriers in health education
10) Milk Fluoridation

WRITE BRIEFLY ON:

10x2=20

- 11) Break point chlorination
12) Endemic
13) World health day
14) Informed consent
15) Normal curve
16) Smoking form of tobacco
17) Usual and customary fees
18) School dental nurse
19) Choking off effect
20) Pie chart

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
 B.D.S. DEGREE EXAMINATION –JANUARY, 2017
 FIFTH & FINAL BDS EXAMINATION (NR)
PUBLIC HEALTH DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

1 Define water fluoridation. Mention the compounds used for water fluoridation. Discuss about the equipments used for community water fluoridation 1+2+6=9

2) Discuss the levels of prevention for oral cancer at individual, community and professional level. 3+3+3=9

WRITE SHORT NOTES ON:

- 3) Pit and fissure sealant 8x4=32
- 4) Interdental oral hygiene aids
- 5) Difference between private practice and public health dentistry
- 6) Principles of ethics
- 7) Serial extraction
- 8) Delta dental plan
- 9) Rapid sand filter
- 10) Consumer protection act

WRITE BRIEFLY ON:

10x2=20

- 11) Matching
- 12) Coinsurance
- 13) Iceberg phenomenon
- 14) Pandemic
- 15) Dental therapist
- 16) Social norms
- 17) Mass media
- 18) Convenience sampling
- 19) Balanced diet
- 20) Theta program

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
B.D.S. DEGREE EXAMINATION –JULY/AUGUST, 2016
FIFTH & FINAL BDS EXAMINATION (NR)
PUBLIC HEALTH DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

1 What is plan? Explain in detail steps in planning cycle. 2+7=9

2) Define Primary Health Care and write in detail about the elements of Primary Health Care. 2+7=9

WRITE SHORT NOTES ON:

8x4=32

3) Dental Council of India

4) Census

5) Tests of significance

6) Bias in case control studies

7) Bangalore method

8) Management of Acute Fluoride Poisoning

9) Atraumatic Restorative Treatment

10) Principles of Health Education

WRITE BRIEFLY ON:

10x2=20

11) Sampling

12) Measures of Dispersion

13) COPRA

14) UCR Fees

15) Zoogaleal layer

16) Duties of Anganwadi worker

17) Ideal requisites of an Index

18) Cross over study design

19) Tools of Dental Public Health

20) Expanded Function Dental Auxiliaries

432/408-A

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA :: AP
B.D.S. DEGREE EXAMINATION - JANUARY, 2016
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PUBLIC HEALTH DENTISTRY

Time : 3 Hours
Max. Marks : 70

Note: Answer all questions.

1 Define ethics. Describe the various ethical principles.
Add a note on unethical dental practices. 2+5+2= 9

2) Classify various plaque control measures. Explain the
mechanism of action of Chlorhexidine. 4+5=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Methods of presentation of data
- 4) School dental nurse
- 5) Evaluation
- 6) Salivary reductase test
- 7) Third party payment
- 8) Pathfinder surveys
- 9) Advantages and limitations of Mobile dental vans
- 10) Local and systemic factors in the causation of
Periodontal disease

WRITE BRIEFLY ON: 10x2=20

- 11) Classify water borne diseases
- 12) Levels of prevention
- 13) Regulatory approach in health education
- 14) Ratio and proportion in Epidemiology
- 15) Backwashing
- 16) Taboos
- 17) Barriers to health education
- 18) Berksonian bias
- 19) Potable water
- 20) Range

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
B.D.S. DEGREE EXAMINATION – JULY / AUGUST, 2015
FIFTH & FINAL BDS EXAMINATION (NR)
PUBLIC HEALTH DENTISTRY

Time : 3 Hours
Max. Marks : 70

Note: Answer all questions.

1) What are the different phases in the “changing concepts of Public Health”? Add a note on the tools of Dental Public Health. 5+4= 9

2) What is an Epidemiological triad? Write in detail about the epidemiology of dental caries. 2+7=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Measures of Central tendency in biostatistics
- 4) Stephen’s curve
- 5) Pit and fissure sealants
- 6) Dental Council of India
- 7) Group practice
- 8) Steps of ART
- 9) CPI probe
- 10) Informed consent

WRITE BRIEFLY ON:

10x2=20

- 11) Ideal requisites of an index
- 12) Disclosing agents
- 13) Constituents of a dentifrice
- 14) Prevalence
- 15) Nalgonda technique
- 16) APF gel
- 17) Systematic random sampling
- 18) Bangalore method of composting
- 19) Russel’s rule
- 20) Snyder’s test

**B.D.S. DEGREE EXAMINATION – JANUARY, 2015
FIFTH & FINAL BDS EXAMINATION (NR)
PUBLIC HEALTH DENTISTRY**

**Time : 3 Hours
Max. Marks : 70**

Note: Answer all questions.

1 Write in detail the steps, advantages and disadvantages of conducting a case control investigation. 5+2+2= 9

2) Define and classify dental auxiliaries and write about Dental Hygienist and his role in dental clinics and scope in public health programs. 1+2+2+2+2=9

WRITE SHORT NOTES ON:

8x4=32

3) Elements of Primary Health Care

4) Levels of prevention

5) CPITN

6) Sampling techniques

7) Dimensions of Health

8) Fluoride Toxicity

9) Prevention in Oral Cancer

10) Disposal of Waste

WRITE BRIEFLY ON:

10x2=20

11) Incidence and Prevalence

12) Chlorhexidine

13) Pathfinder Survey

14) Normal Curve or Gaussian Curve

15) Barriers in Health Communication

16) Confidentiality

17) Occupational hazards in Dentistry

18) Anganwadi worker

19) Incremental Dental Care

20) Salt fluoridation

B.D.S. DEGREE EXAMINATION – JULY, 2014
FIFTH & FINAL BDS EXAMINATION (NR)
PUBLIC HEALTH DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note: Answer all questions.

- 1) Define epidemiology. Write in detail about the randomized controlled trials. 2+7= 9
- 2) Give an account of the pioneering studies on water fluoridation and add a note on the mechanism of action of fluoride 5+4=9
WRITE SHORT NOTES ON: 8x4=32
- 3) Statistical averages
- 4) Fluoride varnishes
- 5) Ethical principles
- 6) COPRA
- 7) Bar diagrams
- 8) P.H.C
- 9) Oral Hygiene Index - Simplified
- 10) Rapid sand filtration 10x2=20
WRITE BRIEFLY ON:
- 11) Define defluoridation
- 12) What is potable water
- 13) Capitation
- 14) Concepts of public health
- 15) Types of evaluation
- 16) ART concept
- 17) Health Education
- 18) Define subjective and objective fear
- 19) Classify pit and fissure sealants
- 20) Mechanical aids in plaque control

**B.D.S. DEGREE EXAMINATION – JANUARY, 2014
FIFTH & FINAL BDS EXAMINATION (NR)
PUBLIC HEALTH DENTISTRY**

**Time : 3 Hours
Max. Marks : 70**

Note: Answer all questions.

1 Define biostatistics, describe in detail the normal curve. Write a note on measures of central tendency. 2+3+4= 9

2) Define primary health care. Describe in detail the principles of primary health care and add a note on primary health centre. 2+4+3=9

WRITE SHORT NOTES ON:

8x4=32

3) Hope wood house study

4) Tobacco cessation

5) Planning cycle

6) WHO

7) Procedural steps in survey

8) Milk fluoridation

9) Chi-Square test

10) IDA.

WRITE BRIEFLY ON:

10x2=20

11) Diet counseling

12) Define survey

13) Caries vaccine

14) Scoring pattern of Dean's Fluorosis index

15) Indications for powered tooth brush

16) Define health

17) Classification of auxiliaries

18) Iceberg phenomenon

19) Co-insurance

20) Epidemiological triad

B.D.S. DEGREE EXAMINATION – JANUARY/FEBRUARY, 2013
FINAL BDS EXAMINATION (NR)
FIFTH BDS EXAMINATION (NR)
PUBLIC HEALTH DENTISTRY

Time : 3 Hours
Max. Marks : 70

Note: Answer all questions.

1) Define Health Education. Write about the principles of Health education. 1+8=9

2) Explain the steps of Survey. Add a note on the age groups of Pathfinder survey. 4+5=9

WRITE SHORT NOTES ON:

8x4=32

3) Vipeholm study

4) Chlorhexidine

5) Classify various indices used in Dentistry

6) Methods of presentation of Data in biostatistics

7) Fluoride Varnishes

8) Occupational hazards for Dentists

9) Incremental dental care

10) Importance of Record keeping in Dentistry

WRITE BRIEFLY ON:

10x2=20

11) Composting

12) Backwashing

13) Requirements of Community Water Fluoridation

14) Co-Insurance

15) Folkways

16) Nalgonda technique

17) Cyclical trend

18) Primary prevention of Dental caries

19) Elements of Primary Health Care

20) Vitamin D

B.D.S. DEGREE EXAMINATION – AUGUST, 2013
FINAL BDS EXAMINATION (NR)
FIFTH BDS EXAMINATION (NR)
PUBLIC HEALTH DENTISTRY

Time: 3 Hours

Note: Answer all questions

Max.Marks:70

-
- 1) Define water fluoridation. Describe the various methods of systemic administration of fluorides for prevention of dental caries. 9
 - 2) Define sample. What are ideal requisites of sample? Describe the different sampling methods. 1+3+5=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Differences between clinical dentist and public health dentist
- 4) Epidemiological tetrad
- 5) Functions of DCI
- 6) Chemical plaque control
- 7) Host factors in Dental Caries
- 8) Define index. Write a note on DMFT & DMFS.
- 9) Community measures of prevention of periodontal disease
- 10) Hospital waste disposal.

WRITE BRIEFLY ON: 10X2=20

- 11) Classify water borne diseases
- 12) Determinants of health
- 13) Cohort study
- 14) Tertiary level of prevention
- 15) Incidence and prevalence
- 16) Ethical principles
- 17) Expanded Function Dental Auxiliary (EFDA)
- 18) Knutson's technique
- 19) UCR fees
- 20) Pilot study

**408-A-THIRD B.D.S. DEG. EXAMINATION-JUNE, 2013-PUBLIC HEALTH DENTISTRY-
(OR)**

Time : 3 Hours-Max. Marks : 70-Answer all questions.

1..Write about the various levels of prevention of oral disease. Describe in detail the preventive services

rendered by a dentist for the prevention of Dental caries at various levels=9m

2..What is an epidemiological triad? Discuss the role of components of the epidemiological triad in the

causation of dental caries=9m

Write Short Notes On: 8 x 4=32m

3..Indian Dental Association

4..Determinants of Health

5. Census

6. Probability sampling methods

7. Acute fluoride toxicity

8. Group health education

9. Rapid sand filtration

10.Scoring criteria of CPITN

Write briefly on: 10 x 2=20m

11.Taboos related to oral health

12.Fee schedules

13.Primary health care

14.Spool method of dental flossing

15.Attributable risk

16.Denturist

17.Consent

18.Mores

19.Sugar substitutes

20.Composting

408-ATHIRD B.D.S. DEGREE EXAMINATION – DECEMBER, 2012

Community Dentistry- (OR)-Time : 3 Hours-Max. Marks : 70-Answer all questions.

1..Classify various dental auxiliaries. Write about the functions of School Dental Nurse – Newzealand

type. Add a note on its applicability in India=4+3+2=9m

2..Define sample. What are ideal requisites of sample? Describe the different sampling methods=2+3+4=9m

Write short notes on: 8 x 4=32m

3..Principles of Primary Health Care

4..Vitamin C and Oral Health

5..Importance of informed consent in Dentistry

6..Explain any one chairside caries activity test

7..Functions of DCI

8..CPI probe – composition, markings and uses

9..Procedural steps in ART

10.Third party payment in Dentistry.

Write briefly on: 10 x 2=20m

11.Theory of Multifactorial causation

12.Changing concepts of Public Health

13.Unethical practice

14.Potable water

15.Cariogenic Microorganisms

16.Calculus

17.Modified Bass method of Tooth brushing

18.Group discussion

19.Disclosing agents

20.Constituents of Tobacco smoke

408-A-THIRD B.D.S. DEGREE EXAMINATION – JUNE, 2012

1..Define Epidemiology. Describe Steps of Cohort Study in detail=9m

2..Define Biostatistics. Describe various methods of presentation of data with neat diagrams=9m

Write Short Notes On=8 x 4=12m=3..Studies on Diet and Dental Caries

4..Pathfinder surveys

5..Dentist Act of India

6..Knutson's technique

7..Indian Dental Association

8..Ideal requisites of an Index

9..Oral health unit of WHO

10.School Dental nurse – Newzealand type

Write Briefly On: 10 x 2=20m

11.Parts of Toothbrush

12.Primordial prevention

13.Social engineering phase

14.Regulatory approach in Health education

15.Pandemic

16.“Ice Berg Phenomenon”

17.CPI probe

18.Prevalence

19.Barriers in Health Education

20.Stephen's curve

408-A-THIRD B.D.S. DEGREE EXAMINATION – DECEMBER,2011/JANUARY, 2012-

1..Define index. Classify them. Add a note on DMFT & DMFS index and on its limitations=1+2+4+2

2..Write in detail about the health care delivery systems in India.

Write Short Notes On: 8 x 4=32m

3..21 city study

4..Normal curve and its properties

5..Interdental cleansing aids

6. Dental ethics

7. Social stratification and its impact on Oral health of the community

ST.Joseph Dental College, Eluru

8. Consumer Protection Act and the Dentist
9. Classify pit and fissure sealants. Write about the indications and contraindications of the same
10. Advantages and disadvantages of Case control study
- Write Briefly On=11. Ratio 12. Abrasion 13. UCR fees 14. Certain lethal dose of fluoride
15. Incremental dental care 16. Stillman's method of tooth brushing
17. Systematic random sampling 18. Vipeholm study
19. Smokeless forms of tobacco usage in India 20. Salivary reductase test

408-A-THIRD B.D.S. DEG. EXAMINATION – JUNE, 2011-COMMUNITY DENTISTRY-

(OR)

1. What is Planning? Explain the steps in Planning=9m
- 2..What is Defluoridation? Enumerate various methods of defluoridation. Write in detail about Nalgonda Technique=9m

Write Short Notes=8x4=32. Types of Data Presentation 4. Diet & Dental caries 5. Levels of Prevention

6. Group Practice 7. Water borne diseases 8. Phases in Public Health
9. Oral Hygiene Index-Simplified 10. Comprehensive Dental Care

Write Briefly: 11. Fee Profiles 12. Colorado brown stain 13. Dental Hygienist 14. Co-insurance

15. APF gel 16. Survey 17. Dental Licentiate 18. Fluoride Tablets 19. Controlled Tipping

20. Dentifrice

408-A-THIRD B.D.S. DEG. EXAM – DEC., 2010/JAN., 2011-COMMUNITY DENTISTRY-

(OR)

- 1..Define epidemiology, types of epidemiology and write in detail about descriptive epidemiology=9m

2. Define Health education. Add a note on principles of health education=9m

Write Short: 8 x 4 = 32. Rapid sand filtration 4. Concepts of health 5. Principles of primary health care

6. C.P.I.T.N. 7. Denturist 8. Health Care Waste and its significance
9. Dental Council of India. 10. Caries Vaccine

Write Briefly On: 10 x 2 = 20m

11. DMFT Index 12. UNICEF 13. Capitation 14. Network sampling 15. Census
16. Potable water 17. Motivation 18. Dental ethics 19. Salt fluoridation 20. Dental Floss

408-A-THIRD BDS. DEG. EXAMINATION-JUNE,2010-COMMUNITY DENTISTRY-(old Regul)

PART-A

- 1..Define and classify dental auxiliaries. Write about the functions of a school dental nurse and a

Dental Hygienist=9m

Write Short Notes On:= 4x4=16m

- 1..Shoe leather survey 2. Gaussian curve 3. Fluoride varnishes 4. Tooth brush

Write Briefly On=5 x 2 = 10m

- 1..Sporadic 2. Gingival physiotherapy 3. Salt fluoridation 4. 90th percentile 5. Pie diagram

PART-B

- 1..Discuss in detail, the principles of ethics to be followed by a Dentist. Add a note on Unethical practices by dentists=9m

Write Short Notes On:= 4x4=16m

- 1..Defluoridation 2. Incidence and prevalence 3. Descriptive epidemiology 4. Pathfinder surveys

Write Briefly On=5x2=10. Charter's method of tooth brushing 6. Stratified random sampling

- 7..Hopewood house study 8. Critical pH 9. Molybdenum and dental caries

408-A-THIRD B.D.S. DEG. EXAMINATION – FEBRUARY, 2010-COMMUNITY DENTISTRY

PART-A

1. Define index and classify them. Write about the ideal requisites of an index=9m

Write Short Notes On=4x4=16m=2. APF gel 3. Comparison of Case control and cohort studies
4. Atraumatic restorative treatment 5. Bar diagrams

Write Briefly On=5x2=10m=6. Evaluation 7. Back washing 8. Taboos related to dentistry in India 9. Capitation 10. Accretion

PART-B

11. Define Health Education. Write in detail about the principles of Health Education=9m

Write Short Notes On:= 4x4=12. Bisbiguanides 13. Caries vaccine 14. Dean's fluorosis index 16. Functions of DCI

Write Briefly On:= 5x2=10m=17. Snyder's test 18. Disclosing agents 19. Epidemic
20. Primary level of prevention of caries 21. Preventive resin restorations

408-A=THIRD B.D.S. DEG. EXAM – JULY, 2009-COMMUNITY DENTISTRY-(Old Regulations)

Part-A=35marks

1. What is a "Survey"? Explain the steps of survey in detail=2+7=9m

Write short notes on; 4 x 4 =16m; 2. Blinding 3. Primary Health Care 4. DMFT Index
5. The Dentist Act of India 1948

Write briefly: 5 x 2 =10m=6. Break Point Chlorination 7. Table of Allowances 8. Endemic 9. Dental floss
10. 't' Test

Part-B=35marks

11. Classify the various fluoride delivery methods in dentistry. Write in detail about the preparation, application and recommended age groups in Knutson's technique=3+6=9m

Write short notes on: 4 x 4 =16m; 12. Sensitivity and Specificity 13. Changing concepts of Health
14. Vipeholm Study 15. Approaches to Health Education

Write briefly on: 5 x 2 =10m; 16. Iceberg phenomenon of disease 17. International Red Cross
18. Long term/ Secular trends 19. Matching 20. Pictogram

408-A-THIRD B.D.S. DEGREE EXAMINATION – MARCH, 2009-COMMUNITY DENTISTRY

PART-A

1. Define and classify dental auxiliaries, write in detail about School Dental Nurse=2+3+4=9m

Write Short Notes On:= 4x4=16m= 2. U C R concept 3. Knutson's technique
5. Measures of Central Tendency 6. Small scale prevention of water born diseases.

Write Short Notes= 5x2=10m=7. Epidemic 8. Histogram 9. Anganwadi 10. Closed Panel 11. Vital layer

PART-B

11. What are the fissure sealants? Give indications and contraindications for sealant application=3+6=9m

Write Short Notes On:= 4x4=16m=12. Atraumatic Restorative Treatment 13. Incremental Dental Care 14. Bias 15. Steps in descriptive epidemiological studies

Write Briefly On:= 5x2=10m=16. Index 17. WHO 18. Growth charts 19. DCI 20. Mass Media

408-A-THIRD B.D.S. DEG. EXAM – AUGUST/SEPT, 2008-COMMUNITY DENTISTRY

PART-A

1. Describe the anticaries mechanism of fluoride on teeth, discuss the self applied fluoride=6+3=9m

Write short notes on=4x4=16m

2. Delta dental plans 3. Levels of prevention 4. Exfoliative Cytology 5. Epidemiological triads
Write short notes on:= 5x2=10m=6. Pandemic 7. Primary and secondary data 8. Primary Health Care 9. Fee for Services 10. Holistic view of health

PART-B

11. What are similarities and dissimilarities between clinical dentist and public health dentist? = 5+4=9m

Write short notes on=4x4=16m

12. Chemical plaque control 13. Cohort studies 14. Comprehensive dental care 15. Hope-wood house study

Write briefly on=5x2=10m

16. Single blind trial 17. Incremental Dental Care 18. Normal curve 19. Vital layer 20. Pathfinder survey

408-A-THIRD B.D.S. DEGREE EXAMINATION – MARCH, 2008-COMMUNITY DENTISTRY

PART-A

1. Define health education, principles of health education; discuss the role of mass media in educating public at large=9m

Write short notes on=4x4=2. C.P.I.T.N. 3. Host factors in dental caries 4. Principles of chlorination

5. Standard Deviation

Write briefly on:= 5x2=6. Epidemic 7. Post payments 8. A.P.F.Gel 9. Loss of Head 10. Denturist

PART - B

11. Define sample, what are ideal requisites of sample, describe the different sampling methods=9m

Write short notes on= 4x4=16m=12. D.M.F. Index 13. Public Health Approaches

14. Vipeholm Hospital Study 15. Indian Dental Association

Write briefly on:=5x2=16. Dental Hygienist 17. Newburgh Kingston Study 18. Stephen's Curve

19. Sugar substitutes 20. Unethical practice

408-A-NR-THIRD B.D.S. EXAMINATION-OCTOBER-2007-COMMUNITY DENTISTRY

Part-A

1. Define an Index. What are ideal requisites? Describe the Russell's periodontal index =9m

Write short notes on: 4 x 4 =16m; 2. Pit and fissure sealants 3. Tertiary prevention 4. Functions of D.C.L.

5. Central Tendency

Write brief notes on: 5 x 2 =6. Co-Insurance 7. Dental ethics 8. Diet counseling 9. Health 10. Fluoride tablets

Part-B

11. Define Dental 'Auxillary'. Classify the auxiliaries, describe the operative auxiliaries in detail=9m

Write short notes on: 4 x 4 =16m; 12. Incidence and prevalence 13. Water borne diseases

14. Toluidine blue test 15. Levels of prevention

Write briefly on: 5 x 2 =10m; 16. Histogram 17. Fee for services 18. Fluoride is double edge sword

19. Defluoridation 20. Caries vaccine

APRIL-2007

PART - A

1. Define Dental Auxillary. Describe the functions of Dental Auxillaries=9m

2. Write short notes on: 4x4=16=a) Bar charts b) Vipeholm study c) Break point d) Anti caries mouth rinses

3. Write briefly on: 5x2=10=a) Survey b) Census c) Incidence d) Sullivan index e) Hidden caries

PART – B

1. Define Health education. Describe the principles of Health Education=9m

2. Write short notes on: 4x4=a) Occupational hazards for Dentists b) Defluoridation c) Case control study d) Pit and fissure sealants

3. Write briefly on:5x2=a) Stephan curve b) Bar diagrams c) Path finder survey d) New Zealand Dental Nurse

e) Sugar substitutes

OCTOBER-2006

Part-A

1. Describe existing Dental Health Services in India =9m

2. Write short answers: 4 x 4; a) Denturist b) Snyder's Test c) Composite index d) Life styles and Oral Health

3. Write briefly: 5 x 2 =a) Cluster sampling b) Plan c) Comprehensive care d) Risk factor e) Nuclear Family

Part-B

4. Define epidemiology. Describe the uses of epidemiology=9m

5. Write short answers on: 4 x 4=16m; a) Tattle Tooth Programme b) Barriers of Communication
 c) Statistical Averages d) Primary Health Care
6. Write briefly on: 5 x 2 =10m; a) Tort b) World Health Day Theme for 2005 c) Pandemic
 d) Colorado Stains e) Cohort

APRIL- 2006 - (New Regulations)

Part-A

1. Define Dental public health. Compare the functions of public health dentist with clinician=9m
2. Write short answers on: 4 x 4 =16m; a) IceBerg of disease b) Diet and Dental caries
 c) Risk factors for AIDS d) Incremental Dental Care
3. Write briefly on: 5 x 2 =10m; a) Infant Mortality Rate b) Histogram c) Iatrogenic dental diseases
 d) Mutations of Teeth e) Calibration

Part-B

4. Define epidemiology. Discuss environmental factors for Dental Caries=9m
5. Write short notes on: 4 x 4 =16m; a) Mechanical plaque control b) Irreversible indices
 c) Stratified sample d) Comprehensive care
6. Write briefly on: 5 x 2 =10m; a) Health guides b) Life expectancy c) Capitation fee
 d) Epidemiological triad e) Cariostatic trace elements

OCT-NOV-2005 (N.R.)

Part-A

1. Define survey. Describe step by step procedure to conduct survey of oral disease in Andhra Pradesh=9m
2. Write short answers on: 4 x 4 =16marks; a) Barriers of communication b) Fluoride varnishes
 c) Primary Health Care d) New Zealand dental nurse
3. Write briefly on: 5 x 2 =10marks; a) Hidden caries b) Attrition in cohort studies c) Free for service
 d) Stratified sample e) Disclosing solutions

Part-B

4. Define prevention. Describe levels of prevention of dental caries =9m
5. Write short notes on: 4 x 4=;a) Statistical averages b) Group practice c) Incremental dental care d) PMA Index
6. Write briefly on: 5 x 2 =10m; a) Zoonosis b) Bias c) Stephen's curve d) Prevalance e) Salt fluoridation

MAR/APR.2005

Part-A

1. Define epidemiology. Describe in brief the epidemiology of oral cancer =9marks
2. Write short answers on: 4 x 4 =16marks; a) Evaluation b) Capitation fees
 c) Oral Health Care Services in India d) Stannous fluoride
3. Write briefly on: 5 x 2 =10marks; a) Taboos in oral health care b) Group discussion
 c) Bar diagrams d) Sample e) Ethics in dental practice

Part-B

4. Define plan. Describe your plan for control of oral diseases among the school children in your town.=9marks
5. Write short notes on: 4 x 4 =16marks; a) Cohort study b) Calibration c) Path finder survey d) Denturist
6. Write briefly on: 5 x 2 =10marks; a) Cariostatic trace elements b) Atraumatic Restorative treatment
 c) Indian Dental Association d) Culture and Oral Health e) W.H.O.Theme for the year 2004

OCTOBER, 2004. (N.R.)

Part-A

1. Describe payment plans for dental care
2. Write short : 4 x 4; a) Lactobacillus Test b) Expanded dental auxiliary c) CPI Index d) Primordial prevention
3. Write briefly on: 5 x 2 =10marks; a) Community Fluorosis index b) Loss of Head
 c) Histogram d) Barkinsonia Bias e) Robinhood type of practice

Part-B

4. Define epidemiology. Describe in brief the types of epidemiological studies. =9marks
5. Write short notes: 4 x 4=a) Self control of plaque b) Milk Fluoridation c) Mass Media d) Shoeleather Survey
6. Write briefly on: 5 x 2=10m;a) Synder's Test b) Census c) Nalgonda Technique d) Pictogram e) Pilot study

MARCH 2003.

Section-A

1. Define Health. Discuss the factors that determine the health of an individual =9marks
2. Short answers: 4 x 4 =a) Public Health Dentist b) W.H.O c) Measures of Central Tendency d) Workshop
3. Write brief: 5 x 2=a) Break point b) Infant mortality rate c) Life expectancy in India d) Pictogram e) Vital layer

Section-B

4. Define Epidemiology. Discuss environmental factors in the epidemiology of dental caries =9marks
5. Write short: 4 x 4 =a) CPI Index b) Nalgonda technique c) Primordial prevention d) Knutson's technique
6. Write short answers on: 5 x 2 =10m=a) Certainly lethal dose of fluoride b) Blind study
c) Culture d) Folk medicine e) Primary Health Centre

11th APRIL, 2001

Part-A

1. Define 'Health Education' Discuss in brief methods of mass health education =10marks
2. Short Notes: a) Stratified sample b) Public health dentist c) Loe and stillness index d) Fluoride varnish
e) Self applied flourides f) Nalgonda technique =6x5=30marks

Part-B

3. Describe in brief various types payment plans for dental care =10marks
4. Short Notes: a) Increment dental care b) Tattle tooth program c) Pit and fessure sealants
d) Potable water e) Caries activity tests f) Break point =6x5=30marks

OCTOBER, 2000.(NEW REGULATIONS)

Part-A

1. An M.L.A. reported that in a particular village people are suffering from brown discoloration of teeth. Describe in brief the step by step procedure of assessing the problem and suggest methods of prevention and cure =6x5
2. Short:a) Sample b) Case control study c) Calibration d) Path finder survey e) Nalgonda Technique f) Prevalence

Part-B

2. Define Epidemiology. Explain the role of host factors in the epidemiology of dental caries =10marks
3. Short Notes: a) Normal curve b) Knutson's Technique c) Culture and oral health d) CPITN Index
e) Bias f) Reverse smoking =6x5=30mark

APRIL, 2000. (NEW REGULATIONS)

Part-A

1. Define survey. How will you assess dental caries prevalence among school children of Vijayawada Town =10m
2. Short Notes: a) Water born diseases b) Disposal of hospital waste c) Statistical averages
d) Dental auxillary e) DMFT index f) Mass media =6x5=30marks

Part-B

1. Define prevention. Discuss primary prevention of Dental caries =10marks
2. Short Notes: a) Workshop b) Caries activity tests c) Prospective study d) World Health Organization
e) Mechanism of action of Fluoride in preventing Dental caries f) Disclosing solutions
=6x5=30marks

OCTOBER, 1999.

Part-A

1. Define epidemiology. Discuss the role of environmental factors in the epidemiology of dental caries =10m
2. Write short notes on: 6x5=30m= a) Dentist-population ratio b) Pie charts c) Public health dentist
d) Russell's index e) Fluoride gets f) Functions of dental council of India

Part-B

3. Define dental auxillary. Give classification and role played by these auxillaries in oral health care delivery. 10m
4. Write short notes on: 6x5=a) School water fluoridation b) Domestic methods of water purification
c) Incidence d) Pit and fissure scalants e) Indian Dental Association f) Voluntary Organisations.

APRIL, 1999.

Part-A

1. Define survey. How do you conduct oral Health survey of town having 3 lakhs population. =10marks
2. Short Notes: a) CPITN Index b) Physical quality life index c) Oral Hygiene index simplified
d) Quarantine e) Water born diseases f) Break point =6x5=30marks

Part-B

3. Define Epidemiology. What are the principles of epidemiology. Write briefly about host factor in periodontal diseases =10m
4. Short Notes: a) Normal curve b) Soil, seeds and sower c) Dental Hygienist d) Vital layer
e) Topical Fluorides f) Epidemiological triad =6x5=30marks

OCTOBER, 1998.

Part-A

1. Medical Officer of a district noticed that the population was suffering from high dental problem. If you were given an opportunity to solve it, how would you approach the above problem =10marks
2. Short Notes: a) Defluoridators b) Trace elements c) Morbidity and mortality
d) Importance of pilot survey e) Bar charts f) Dental man power in India =6x5=30marks

Part-B

3. Define health. Enumerate the various environmental factors necessary for the maintenance of general health of an individual =10marks
4. Short Notes: a) Histograms and Histograms b) Secondary level of prevention c) Erythrosine Dye
d) Caries vaccine e) COHORT study f) Calibration of examiners in surveys =6x5=30marks

**APRIL, 1998.COMMUN. DENTISTRY AND FOREN. ODONTOLOGY & JURISPRUDENCE
(O.R)**

Part-A

1. Define index. Describe step by step procedure of assessing dental caries status of school children of Hyderabad city

1. Short Notes: a) Negligence b) Greivous injury c) Loe and Sillness index d) Case control study
e) Milk fluoridation f) Medico legal report =6x5=30marks

Part-B

2. Define dental auxilliary. Give classification and functions of dental axuillaries =10marks
3. Short Notes: a) Bite marks b) Measures of Central tendency c) Witnesses d) APF gel
e) Parent counseling f) Potable water =6x5=30marks

13th OCTOBER, 1997.

Part-A

1. Define epidemiology. Describe the role of Host factors in the epidemiology of periodontal diseases =10marks
2. Short:a) Perjury b) Forensic dental kit c) Four handed dentistry d) Primary health care
e) Knutson's technique=5x5

Part-B

3. Who is public health dentist? How does he differ from clinical dentist =10marks
4. Short Notes: a) Greivous injury b) Statistical averages c) Orofacial signs of sexual abuse
d) Primary prevention e) Nalgonda Technique f) Incremental dental care =6x5=30marks

APRIL, 1997.

Part-A

1. Define Health Education. Give your plan of educating the population of Andhra Pradesh on prevention of Dental diseases=10marks
2. Short Notes: a) Medico legal report b) Post developmental dental age determination c) CPITN Index
d) Incidence and prevalence e) Cohort study =5x5=25marks

Part-B

3. Define water fluoridation. Discuss the feasibility of community water fluoridation in India =10marks
4. Short Notes: a) Expert witness b) Subpoena c) Normal curve d) APF solution
e) Newzealand Dental nurse f) Break point =6x5=30marks