

Q.P. CODE:462-NR/D310A01

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE EXAMINATION – SEPTEMBER , 2026

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PART-I

PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, Pathology Including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials)
(NEW REGULATIONS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10-100

- 1). Biofilm in dentistry
- 2). Resin adhesion to enamel and dentine
- 3). Factors affecting wound healing
- 4). Randomized Controlled Trial
- 5). Describe the root canal morphology and its variations in permanent maxillary and mandibular molars.
- 6). Physiology of blood clotting mechanism
- 7). Microbiology of dental caries
- 8). Developmental anomalies of teeth
- 9). Biocompatibility of dental materials.
- 10). Discuss calcium and phosphate metabolism in detail

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – SEPTEMBER, 2026

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-I

**(CONSERVATIVE DENTISTRY)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Discuss in detail about the resin cements used for luting indirect restorations and recent advances.
- 2) Lasers in conservative dentistry

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Inlay wax
- 4) Pulp capping materials
- 5) Bevels and Flares in Cast Restorations
- 6) Selective etch technique
- 7) Biocompatibility tests.

Q.P. CODE:464-NR/D310C012

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – SEPTEMBER, 2026

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-II

(Endodontics)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Discuss in detail various Endodontic Emergencies
- 2) Write elaborately on Pulp Vitality Tests

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Flap designs in surgical endodontics
- 4) Reciprocation in endodontics
- 5) Single Visit Root Canal Therapy
- 6) Avulsion
- 7) Non vital bleaching.

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – SEPTEMBER, 2026

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PART-II
PAPER-III

(Descriptive and Analyzing type questions)
(*New Regulations*)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMMS**

2X50=100

- 1) Veneers in esthetic dentistry
- 2) Obturation techniques and materials in Endodontics
- 3). Demtin Hypersensitivity

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE EXAMINATION – NOVEMBER, 2025

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PART-I

PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, Pathology Including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials)
(NEW REGULATIONS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10-100

- 1) Random Sampling
- 2) Factors influencing wound Healing
- 3) Polymerization shrinkage of resin composites and methods to prevent shrinkage
- 4) Methods of testing biocompatibility of dental materials
- 5) Endodontic Biofilm
- 6) Infection control in dental office
- 7) Pathway of Dental pain
- 8) Temporo Mandibular joint
- 9) Inlay wax
- 10) Balanced diet

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2025

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-I

**(CONSERVATIVE DENTISTRY)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Discuss smear layer in Conservative Dentistry
- 2) Describe forces acting on class II inlay

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Gingival tissue management
- 4) Annealing of gold
- 5) Soldering, welding and brazing
- 6) Conservative Dentistry in relation to Geriatric Dentistry
- 7) Fiber posts

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2025

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-II

(ENDODONTICS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Classify Ellis fractures and discuss root fractures in detail
- 2) Discuss obturation techniques and materials

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Apex locators
- 4) Discuss micro-organisms in the root canal
- 5) MTA in Endodontics
- 6) Root canal Irrigants
- 7) Sterilization of Endodontic Instruments

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2025

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-III

(Descriptive and analyzing type question)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS** **2x50=100**

- 1) Advancements in devices to manage the complexities of root canal systems
- 2) Biomodification of dentine to improve adhesive restorations
- 3) Role of Lasers in Conservative Dentistry

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2024

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PART-I
PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, Pathology Including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials)
(NEW REGULATIONS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING: 10x10-100

- 1) Discuss oral manifestations of systemic conditions of dental relevance
- 2) Role of antibiotics in conservative dentistry and endodontics
- 3) Management of biomedical waste in dental operator
- 4) Discuss sampling methods in statistics
- 5) Acquired immunity
- 6) Composition and functions of saliva
- 7) Recent advances in Glass Ionomer cements
- 8) Discuss in detail about the infection control in dental office
- 9) Lignocaine Vs Articaine
- 10) E. Faecalis and its significance in Endodontics

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2024

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-I

**(CONSERVATIVE DENTISTRY)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Restorative modalities for badly broken down vital posterior teeth
- 2) Explain about the various finishing and polishing strategies of dental restorations

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Flowable composites
- 4) Advantages and disadvantages of Cast Post
- 5) Deep margin elevation concepts
- 6) Bevels and flares in indirect restorations
- 7) Matrices for class II restorations

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2024

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-II

(ENDODONTICS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Discuss in detail about diagnosis and management of vertical root fractures
- 2) Discuss estimation of Canal curvature and describe management of curved root canals

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Role of calcium hydroxide in modern endo era
- 4) Root apex and its importance
- 5) Irrigation devices
- 6) Relevance of stem cells in endodontics
- 7) Bio ceramic sealers

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2024

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-III

(Descriptive and analyzing type question)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS** **2x50=100**

- 1) Minimal invasive techniques in Conservative dentistry and Endodontics
- 2) Critical appraisal of metallic Vs nonmetallic Inlays and Onlays
- 3) Regenerative Endodontics

Q.P. CODE:463-NR

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE EXAMINATION – MAY, 2024

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

**PART-I
PAPER-I**

(Applied Basic Sciences: Applied Anatomy, Physiology, Pathology Including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials)
(NEW REGULATIONS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10-100

- 1) Microflora of oral cavity
- 2) Orofacial Pain
- 3) Age changes in Pulp
- 4) Management of Deep Carious Lesions
- 5) Role of analgesics in conservative dentistry and endodontics
- 6) Steps in conducting a systematic review of Meta Analysis.
- 7) Recent advances in Dentin Bonding.
- 8) Define Repair. Describe the process of healing of a surgical wound.
- 9) Temporomandibular Joint
- 10) Methods of testing Biocompatibility of dental materials.

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE EXAMINATION – MAY, 2024

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-I

**(CONSERVATIVE DENTISTRY)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Explain the different types of contacts and contours. How will you attain the contacts and contour in Class II restorations?
- 2) Define caries. Classify and explain the modern techniques in caries detection. Discuss various methods of prevention of dental caries.

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Restorative options for Class V caries
- 4) Challenges in the adhesion of restorative materials
- 5) Veneers
- 6) Retention and resistance forms for various restorations
- 7) Advances in isolation methods

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2024

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-II

(ENDODONTICS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Discuss the rationale of endodontic treatment. Write a note on various phases of root canal treatment.
- 2) Classify traumatic injuries. Write on the management of horizontal root fractures.

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Discuss laser Doppler flowmetry
- 4) Applications of cone beam computed tomography in Endodontics
- 5) Objectives and principles of access cavity preparation
- 6) Management of separated instrument
- 7) Single visit endodontics - Advantages, disadvantages and current concepts

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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2024

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-III

(Descriptive and analyzing type question)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS** **2x50=100**

- 1) Endodontics V/s Implants.
- 2) Smear Layer - History and current concepts.
- 3) Dental Ceramics.

Q.P. CODE NO.:462-NR

DR. Y.S.R. UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE EXAMINATION - NOVEMBER, 2023

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PART-I

PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, Pathology including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials)

(New Regulations)

Time : 3 Hours

Max. Marks : 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Elucidate various Non-carious lesions and their management.
- 2) Sampling methods of Biostatistics.
- 3) Write in detail the Microbiology of dental caries.
- 4) Muscles of Mastication
- 5) What is Super dentin and its clinical significance?
- 6) Discuss on pathophysiology of Pulpal and Periapical pain.
- 7) Management of biomedical waste in Dental Clinics.
- 8) Discuss saliva and its role in dental caries.
- 9) Methods of evaluation of microleakage.
- 10) Medical emergencies in restorative and endodontic practice.

Q.P. CODE:463-NR
DR.YSR UNIVERSITY OF HEALTH SCIENCES:AP:: VIJAYAWADA – 520-008

MDS DEGREE EXAMINATION – NOVEMBER, 2023
SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PART-II
PAPER I
(Conservative Dentistry)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss the principles of cavity preparation in light of the histology of tooth structure.
- 2) Discuss Lasers in Operative Dentistry

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Critically evaluate the status of pin retained restoration in view of recent restorative materials.
- 4) CAD CAM Technology
- 5) Management of pain during operative procedures.
- 6) Posterior indirect restorations.
- 7) High speeds in dentistry.

Q.P. CODE:464-NR

DR. Y.S.R. UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2023
SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PART-II
PAPER-II
(Endodontics)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss recent advances in Endodontic instruments.
- 2) Discuss causes and management of Endodontic failures.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5X10=50

- 3) Discuss the role of magnification in Endodontics
- 4) Root end filling materials
- 5) Radiographs and their role in Endodontics
- 6) Fracture and re-attachment procedures
- 7) Principles of Surgical Interventions in Endodontics

Q.P. CODE:465-NR

Dr. Y.S.R University of Health Sciences ::AP:: Vijayawada-520 008

MDS DEGREE EXAMINATION – NOVEMBER, 2023

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PART-II

PAPER-III

(Descriptive and analyzing type question)

(New Regulations)

Time : 3 Hours

Max. Marks : 100

WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING
WITH LEGIBLE DIAGRAMS

- 1) Regenerative Endodontics. 2x50=100
- 2) Impression procedures in Restorative Dentistry.
- 3) Management of discoloured anterior teeth.

Q.P. CODE NO.:462-NR

DR. Y.S.R. UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION - MAY, 2023
SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PART-I
PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, Pathology including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials)

(New Regulations)

Time : 3 Hours

Max. Marks : 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

1. Describe anatomy of mandibular nerve. Add a note on its importance in dental procedures.
2. Diabetes and its effect on oral environment.
3. Random sampling
4. Discuss recent advances of all – ceramic materials in detail.
5. Explain the structure, composition and properties of enamel. Add a note on its clinical significance in restorative practice.
6. Enumerate the differences between repair and regeneration of tissues. Write in detail on steps of wound healing.
7. Describe the development of root and its complexities.
8. Discuss the role of contacts and contours of teeth in oral health.
9. Discuss evolution of speeds in dentistry.
10. Recent advances in resin composites.

Q.P. CODE:463-NR
Dr.Y.S.R. University of Health Sciences:AP:: Vijayawada – 520-008

MDS DEGREE EXAMINATION – MAY, 2023

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PART-II

PAPER I

(Conservative Dentistry)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Critically analyze Dentine bonding agents and recent methods of enhancing resin-dentine bonds
- 2) Discuss on current concepts and controversies in management of deep dentinal caries.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Minimally invasive aesthetic procedures.
- 4) Principles of smile design
- 5) Significance of occlusion in restorative dentistry.
- 6) Tooth coloured inlays and onlays in current practice.

Q.P. CODE:464-NR

DR. Y.S.R. UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE EXAMINATION – MAY, 2023

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PART-II

PAPER-II

(Endodontics)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss management of immature root apex.
- 2) Classify endo-perio lesions. Write on challenges in success of endo-perio management.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5X10=50

- 3) Key factors in single visit endodontics.
- 4) Challenges in access preparation.
- 5) Recent root canal irrigants
- 6) LASERS in Endodontics
- 7) Significance of pre endodontic restorations.

Q.P. CODE:465-NR

DR. Y.S.R. UNIVERSITY OF HEALTH SCIENCES ::AP:: VIJAYAWADA-520 008

MDS DEGREE EXAMINATION – MAY, 2023

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PART-II

PAPER-III

(Descriptive and analyzing type question)

(New Regulations)

Time : 3 Hours

Max. Marks : 100

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS**

- 1) Direct v/s indirect tooth coloured restorations. 2x50=100
- 2) Surgical Endodontics
- 3) Preventive measures in restorative practice.

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2022
SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS**

**PART-I
PAPER-I**

(Applied Basic Sciences: Applied Anatomy, Physiology, Pathology Including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials)
(NEW REGULATIONS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10-100

- 1) Define antibiotics and discuss its pharmacotherapeutical applications in endodontics
- 2) Write on mercury toxicity and practices of mercury hygiene in dental clinics of India
- 3) Define inflammation. inflammation Discuss on pathways of pulpal
- 4) Write in detail on Biofilm of dental caries. Add a note on current methods of caries prevention
- 5) Explain internal anatomy of pulp space and its clinical applications in endodontics
- 6) Anatomy of Maxillary First Premolar
- 7) Write on functional anatomy of mastication
- 8) Discuss etiopathology of dental hard tissue defects related to restorative practice
- 9) Tests of significance
- 10) Explain pharmacotherapeutical applications of Fluorides in restorative dentistry

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**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2022**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-I

**(CONSERVATIVE DENTISTRY)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Discuss tooth preparation and restorative aspects of sub-gingivally extended class II carious lesions.
- 2) Discuss recent advances in caries diagnosis.

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Digitalization in restorative practice.
- 4) Lasers in Conservative Dentistry.
- 5) Effect of various speeds and rotary instruments on pulp.
- 6) Surface treatment and cementation protocols of Indirect restoration
- 7) Case selection for gingival tissue management procedures

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2022**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-II

(ENDODONTICS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1)Classify endodontic surgeries. Discuss on case selection and procedures in microsurgical endodontics
- 2)Discuss role of root and root canal anatomical variations in cleaning and shaping

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10=50

- 3)Platelet concentrates in endodontics
- 4) Clinical significance of mono block
- 5) Management of cracked tooth in endodontics
- 6) Discuss calcium hydroxide as an intra canal medicament
- 7) Evaluate temporary restoration seal in multiple visit endodontics

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**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2022**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-III

(Descriptive and analyzing type question)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS** **2x50=100**

- 1) Regenerative Endodontics
- 2) Adhesives in Restorative Dentistry
- 3) Rotary instruments in Endodontics – Advances

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2022**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

**PART-I
PAPER-I**

(Applied Basic Sciences: Applied Anatomy, Physiology, Pathology Including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials)
(NEW REGULATIONS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10-100

- 1) Describe temporomandibular joint and causes and complications of its disfunction
- 2) Explain pharmacotherapeutics of local anesthetics in dentistry
- 3) Define pain. Discuss on pathways of pain
- 4) DENTIN - structure and its clinical applications in restorative dentistry
- 5) Discuss saliva and its role in dental caries
- 6) Smart materials and their clinical applications in dentistry
- 7) Medical emergencies in restorative and endodontic practice
- 8) Discuss on the microorganisms of endodontic infections
- 9) Explain root apex and its clinical significance in endodontics
- 10) Sampling methods and statistical analysis in clinical research

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**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2022**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-I

**(CONSERVATIVE DENTISTRY)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Define dentin hypersensitivity. Discuss causes, theories and management for the same
- 2) Discuss indications, contra indications, tooth preparation and techniques for direct and indirect composite veneers. Add a note on recent advances in veneers

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Principles of aesthetics and golden proportion
- 4) Newer zirconias
- 5) Critically evaluate ABRZ (Acid Base Resistant Zone)
- 6) Crown lengthening procedures
- 7) Non carious cervical destructions of teeth, its aetiology, diagnosis and management

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2022**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-II

(ENDODONTICS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Discuss various diagnostic aids in endodontics. Explain methods of diagnosis of fractures teeth
- 2) Describe various root canal obturation materials and discuss various methods of obturation

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Drugs in endodontics
- 4) Discuss zones of infection in periapical abscess
- 5) Treatment of immature apex
- 6) Modern molar access cavity preparations
- 7) Aesthetic posts

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2022**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-III

(Descriptive and analyzing type question)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMMS** **2x50=100**

- 1) Minimal Intervention Dentistry (MID)
- 2) Surgical endodontics
- 3) Post endodontics restorations

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER 2021**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

**PART-I
PAPER-I**

(Applied Basic Sciences: Applied Anatomy, Physiology, Pathology Including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials)

(NEW REGULATIONS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10-100

- 1) Microbial ecosystem of root canal
- 2) Methodologies to detect fracture resistance of restorative material
- 3) Infection control in dental office
- 4) Critical analysis about role of Saliva in prevention of dental caries
- 5) Mechanism of drug resistance
- 6) Temporomandibular joint
- 7) Role of Analgesics in Endodontics
- 8) enamel hypoplasia
- 9) Balanced diet
- 10) Write in detail about various steps in conducting a Meta Analysis

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER, 2021**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-I

**(Basic Science)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Mechanism and effect of fluoride releasing restorative materials in inhibition of secondary caries formation
- 2) Discuss microbial flora of infected root canals

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Clinical considerations of tooth color
- 4) Taurodont teeth
- 5) Caries removal options in vital pulp therapy
- 6) Anatomic variation in mandibular first molar
- 7) Pathogenesis of lesion of endodontic origin

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER, 2021**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-II

**(Conservative Dentistry and Aesthetic Dentistry)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Discuss in detail about Finishing and Polishing of various restorations
- 2) Critical appraisal of various strategies of Pulp capping

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Self etching adhesives
- 4) tooth coloured onlays
- 5) Compaction of direct filling gold
- 6) Remineralizing agents
- 7) Minimal invasive dentistry

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER, 2021**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-III

**(Basic Science)
(Endodontics)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING: 2x25-50

- 1) Critical appraisal of Rotary Vs reciprocation system in endodontics
- 2) Discuss in detail about Digital imaging in endodontics

WRITE SHORT ESSAYS ON THE FOLLOWING 5x10-50

- 3) Electric pulp tester
- 4) Platelet concentrates
- 5) Biomechanics of Post retained restorations
- 6) Significance of root apex in endodontics
- 7) Recent advances in root canal sealers

Q.P. CODE:465

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER, 2021

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-IV
(ESSAY)
(New Regulations)

Time : 3 Hours

Max. Marks : 75

WRITE LONG ESSAY ON ANY ONE OF THE FOLLOWING
WITH LEGIBLE DIAGRAMS

- 1) Critical evaluation of metallic Vs non metallic inlays and onlays

OR

- 2) Magnification in Conservative Dentistry and Endodontics

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JULY, 2021**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

**PART-I
PAPER-I**

(Applied Basic Sciences: Applied Anatomy, Physiology, Pathology Including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials)

(NEW REGULATIONS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10-100

- 1) Discuss oral manifestation of systemic conditions of dental relevance
- 2) Importance of sample size calculation in clinical research
- 3) Critical analysis about Articaine Vs Liganocaine
- 4) Write in detail about adhesion in the field of restorative dentistry
- 5) Pain control in root canal treatment
- 6) Various methods of sterilization of Endodontic instruments
- 7) Methods of evaluating Microleakage
- 8) Caries risk assessment
- 9) Non carious lesions
- 10) Role of Antibiotics in Endodontics

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JULY, 2021**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-I

**(CONSERVATIVE DENTISTRY)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1)Discuss about restorative modalities for badly broken down vital posterior teeth
- 2)Critically evaluate the current strategies of caries prevention and management

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Modern cavity designs for class II amalgam restorations
- 4)Shade selection
- 5) Ceramic inlays
- 6)Armamentarium used in direct gold restorations
- 7) Digital Impressions

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JULY, 2021**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-II

(ENDODONTICS)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25-50

- 1) Discuss in detail about diagnosis and management of vertical root fractures
- 2) Discuss current concepts and controversies of single visit Endodontics

WRITE SHORT ESSAYS ON THE FOLLOWING

5x10-50

- 3) Bioceramic sealers
- 4) Guided tissue regeneration in Endodontics
- 5) Metallurgy of NITI files
- 6) Stem cells in Endodontics
- 7) Role of calcium hydroxide in modern era

Q.P. CODE:463-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JULY, 2021**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PARTII - PAPER-III

(Descriptive and analyzing type question)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS**

- 1) Nanotechnology in Conservative Dentistry and Endodontics **2x50-100**
- 2) Write in detail about Regenerative Endodontics
- 3) Recent advances in composites - A critical appraisal

Q.P. CODE:462-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – AUGUST,2020**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PART-I

**(Basic Sciences)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Medical emergencies in dental practice and their management
- 2) Role of fluorides in prevention of caries
- 3) Parametric tests in Biostatistics
- 4) E. Faecalis and its significance in Endodontics
- 5) Discuss in detail about age changes in Dentin
- 6) Hepatitis B Vaccination & its significance in dental practice
- 7) Critical appraisal about healing after root fractures
- 8) High speed in dentistry.
- 9) Mechanisms of blood clotting
- 10) Quorum sensing in bio films

Q.P. CODE:462

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – AUGUST, 2020**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-I

(Basic Sciences)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss on the knowledge of tooth pulp space anatomy usage in the course of root canal therapy
- 2) Discuss the pharmacology of local anaesthetics used in dentistry and methods of enhancing the success of local anesthesia

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Effects of diabetes mellitus on oral health
- 4) Critically evaluate biocompatibility tests
- 5) Mercury hygiene
- 6) Factors influencing Wound healing
- 7) Etiological factors for loss of enamel and dentin

Q.P. CODE:463

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – AUGUST, 2020**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-II

**(Conservative Dentistry and Aesthetic Dentistry)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Minimal invasive procedures and their concepts in conservative dentistry
- 2) Discuss rotary cutting instruments in operative dentistry.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Gingival tissue retraction
- 4) Recent methods in diagnosis of dental caries
- 5) Regeneration and Remineralizing agents
- 6) Recent advances and concepts in bonding
- 7) Smear layer - Current concepts

Q.P. CODE:464

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – AUGUST, 2020**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-III

**(Endodontics)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20-40

- 1) Discuss on case selection for various treatment modalities available for a discolored anterior tooth. Evaluate power bleaching technique and night guard bleaching technique.
- 2) Classify traumatic injuries. Discuss on the latest treatment methods in the management of horizontal root fractures

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7-35

- 3) Management of instrument separation
- 4) Accuracy of latest Apex Locators
- 5) Discuss on EDTA (Ethylenediamine tetraacetic acid) in various clinical applications.
- 6) Discuss on rationale, case selection, types of apical closure in Apexification and Apexogenesis.
- 7) Root end filling materials.

Q.P. CODE:465

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – AUGUST, 2020**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-IV

(ESSAY)

(New Regulations)

Time: 3 Hours

Max. Marks: 75

**WRITE LONG ESSAY ON ANY ONE OF THE FOLLOWING
WITH LEGIBLE DIAGRAMS**

1) Adhesion and recent advances in adhesive dentistry

OR

2) Cleaning and shaping of root canal system

Q.P. CODE:462-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2019**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PART-I

**(Basic Sciences)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Critically analyse the role of Smear Layer in Conservative Dentistry and Endodontics.
- 2) Discuss in detail maxillary branch of Trigeminal Nerve.
- 3) Pathways of entry and exit to Pulpal Infections.
- 4) Mention the difference between Repair and Regeneration of tissues. Write in detail about steps in Wound Healing.
- 5) Internal Anatomy of Mandibular second Premolar and its Anatomic variations.
- 6) Discuss the modern methods of Caries detection. How will you prevent Dental Caries?
- 7) Role of Silica in Restorative Dentistry.
- 8) Discuss progress made in the development of Adhesive systems.
- 9) Discuss Bias in Testing.
- 10) Discuss modern methods of Sterilization.

Q.P. CODE:462

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2019**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-I

(Basic Sciences)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss age changes in Enamel and Dentin with relevance to the clinical significance.
- 2) Discuss critically the tooth coloured restorations against silver amalgam restorations.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Different types of Necrosis
- 4) Bias in testing
- 5) Muscles of Mastication
- 6) Significance of Refractory Materials
- 7) High Speeds in Dentistry

Q.P. CODE:463

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2019**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-II

**(Conservative Dentistry and Aesthetic Dentistry)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Critically analyze the importance of cavo surface bevels and rounded angles in the integrity of different restorations.
- 2) Discuss Non-Carious destruction of teeth, its aetiology, diagnosis and management.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Discuss properties of direct filling fold
- 4) Newer Zirconias
- 5) Critically evaluate ABRZ (Acid Base Resistant Zone)
- 6) Hand cutting instruments
- 7) Principles of aesthetics and Golden proportion

Q.P. CODE:464

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2019**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-III

**(Endodontics)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

1) Describe the factors considered prior to obturation of teeth.

Discuss various methods of obturation.

2) Discuss Inter appointment emergencies in Endodontics and describe their management.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

3) Drugs in endodontics

4) Discuss Endo-Perio inter relationship

5) Sequelae of Endodontic Surgeries

6) Justify the role of Radiology in endodontics

7) Advancement in NiTi metallurgy for manufacturing of Endodontic Instruments.

Q.P. CODE:465

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2019**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-IV

(ESSAY)

(New Regulations)

Time: 3 Hours

Max. Marks: 75

WRITE LONG ESSAY ON ANY ONE OF THE FOLLOWING
WITH LEGIBLE DIAGRAMS

1) Endodontic Emergencies

OR

2) Endodontics v/s Implants

Q.P. CODE:462-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2019**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PART-I

**(Basic Sciences)
(NEW REGULATIONS)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Discuss age changes in Enamel. Dentin and Cementum and its clinical significance
- 2).Mention composition, functions and clinical significance of Saliva. Add a note on Artificial Saliva
- 3) Discuss sampling methods and Statistical Analysis .
- 4) Discuss infection control procedures in Dental practice .
- 5) Role of Antibiotics in Managing Pulpal and Periapical lesions.
- 6) Discuss theories and management of Dentinal Hypersensitivity
- 7) Elaborate on materials used in Minimum Intervention Dentistry .
- 8) Discuss current status of Silver Amalgam in restorative Dentistry
- 9) Discuss Self Etching Primers .
- 10) Discuss Anaesthetic Emergencies .

Q.P. CODE:462

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2019**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-I

(Basic Sciences)
(New Regulations)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Describe Mandibular Nerve and discuss in detail its importance in Dentistry
- 2) Discuss development and physiology of Dentin .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Anti Carlogenic Materials
- 4) Sampling methods and statistical analysis in Clinical Research
- 5) Amalgam tattoo and Amalgam Hues
- 6) Bacteriological culture media and techniques in Endodontics
- 7) Chlorhexidine and its uses in restorative Dentistry and endodontics

Q.P. CODE:462

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2018**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-II

**(Conservative Dentistry and Aesthetic Dentistry)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss the methods of pain control during operative procedures .
- 2) Discuss Adhesion in Restorative Dentistry with special emphasis on the recent advances.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Discuss importance of occlusion in Restorative Dentistry
- 4) Fibre Reinforced composites
- 5) Veneers
- 6) Critically Analyse concept of Pin Retained Restorations
- 7) Casting Defects

Q.P. CODE:462

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2019**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-III

(Endodontics)
(New Regulations)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss Post Endodontic Restorations.
- 2) Write in detail current concepts in cleaning and shaping of root canal systems .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Role of PRP and PRF in Peri Radicular Lesions of Endodontics Orgin
- 4) Apex Locators
- 5) Pathophysiology of Acute Pulpal Pain
- 6) Micro surgical endodontics – Past and Present
- 7) Management of Broken Instruments in Endodontics

Q.P. CODE:465

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2019**

**SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS
PAPER-IV
(ESSAY)**

(New Regulations)

Time: 3 Hours

Max. Marks: 75

**WRITE LONG ESSAY ON ANY ONE OF THE FOLLOWING
WITH LEGIBLE DIAGRAMS**

1) Traumatic injuries and their management .

OR

2) Role of magnification in Endodontics .

Q.P. CODE:462

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2018**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-I

**(Basic Sciences)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Define Repair. Discuss in detail about the process of healing of a surgical wound.
- 2) Discuss in detail about occlusion related to the field of restorative dentistry.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Enamel hypoplasia
- 4) Microbiology of Dental caries
- 5) Non Parametric tests in Biostatistics
- 6) Modern methods of sterilization of endodontic instruments
- 7) Osseointegration

Q.P. CODE:463

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2018**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-II

**(Conservative Dentistry and Aesthetic Dentistry)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss in detail about Minimal Invasive Dentistry.
- 2) Critically analyze the Cavosurface treatments for various restorations

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Evaluation of hardness of restorative materials
- 4) Pit and Fissure Sealants
- 5) Causes of failures of Amalgam restorations
- 6) Die preparation methods
- 7) Disinfection of Impression materials

Q.P. CODE:464

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2018**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-III

(Endodontics)
(New Regulations)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss in detail about diagnosis and management of root fractures.
- 2) Describe about various pulpal status evaluation techniques.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Apical delta
- 4) Bioceramic based sealers
- 5) Guided tissue regeneration in Endodontics
- 6) Cervical root resorption
- 7) Crown Ferrule Vs Core Ferrule

Q.P. CODE:465

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2018**

**SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS
PAPER-IV
(ESSAY)**

(New Regulations)

Time: 3 Hours

Max. Marks: 75

WRITE LONG ESSAY ON ANY ONE OF THE FOLLOWING
WITH LEGIBLE DIAGRAMS

1) Write in detail about the principles of Esthetic Integration.

OR

2) LASERS in Conservative Dentistry and Endodontics.

Q.P. CODE:462

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2017**

SPECIALITY: CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-I

**(Basic Sciences)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss Oral manifestations of systemic conditions of dental relevance.
- 2) Role of analgesics in conservative dentistry and endodontics

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Role of fluorides in dental health
- 4) Mechanisms of blood clotting
- 5) Parametric tests in Biostatistics
- 6) Age changes in Pulp
- 7) Methods of testing Biocompatibility

Q.P. CODE:463

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2017**

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-II

**(Conservative Dentistry and Aesthetic Dentistry)
(New Regulations)**

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Critical evaluation of various strategies in dentin biomodification in relation to restorative dentistry.
- 2) Discuss about Restorative materials for complex cavity designs

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Advantages and disadvantages of Cast post
- 4) Evaluation of microleakage of restorative materials
- 5) Recent advances in Bleaching materials
- 6) Hand cutting instruments
- 7) Shade selection

Q.P. CODE:464

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2017**

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-III

**(Endodontics)
(New Regulations)**

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss in detail about Modern strategies in root canal disinfection
- 2) Discuss management of Pulp Exposure

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Mid treatment flare-ups and its management
- 4) Retrograde filling materials.
- 5) Splinting methods
- 6) Biomechanics of Post retained restorations
- 7) M wire technology

Q.P. CODE:465

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2017

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS
PAPER-IV
(ESSAY)
(New Regulations)

Time : 3 Hours

Max. Marks : 75

WRITE LONG ESSAY ON ANY ONE OF THE FOLLOWING
WITH LEGIBLE DIAGRAMS

1) Recent advances in composites – A critical appraisal

OR

2) Nanotechnology in Conservative Dentistry and Endodontics

Q.P. CODE:462

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JUNE, 2017**

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-I

**(Basic Sciences)
(New Regulations)**

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Pathways of pain. Significance of pain in the differential diagnosis of pulpal pathologies.
- 2) Discuss the effect of restorative materials on pulp-dentin complex.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Influence of diet on dental caries.
- 4) Infection control procedures in dental practice.
- 5) Meta-analysis of Research.
- 6) Pain control for dental procedures.
- 7) Bioceramics.

Q.P. CODE:463

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JUNE, 2017**

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-II

**(Conservative Dentistry and Aesthetic Dentistry)
(New Regulations)**

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Forces acting on compound and complex restorations.
- 2) Discuss treatment modalities and selection of restorative materials for subgingivally placed lesions. Explain the restoration of contact and contours of tooth preparations for the same.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Fibre reinforced composites
- 4) Abfraction
- 5) Diagnosis of dental caries
- 6) Demineralization and remineralization – Balance

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

MDS DEGREE EXAMINATION – JUNE, 2015

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-I

(Basic Sciences)
(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Discuss in detail calcium and phosphorous metabolism.
- 2) Discuss Anatomy of maxillary sinus and its clinical significance in relation to endodontic therapy.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7=35

- 3) Blood platelets and their importance
- 4) Immunological aspects of Dental caries
- 5) Titanium and its alloys in conservative dentistry
- 6) Culture media and its functions
- 7) Role of silica in Restorative dentistry

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

MDS DEGREE EXAMINATION – OCTOBER, 2014

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-I

(Basic Sciences)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Describe various factors affecting the clotting mechanism
- 2) Write in detail on the odontoblastic layers and the cells of the dental pulp. Explain the clinical relevance of the structure of pulp to its function.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Hybrid endodontic instrument designs
- 4) Microbial flora of root canals and peri radicular lesions
- 5) Resin modified glass ionomer cements
- 6) Student T test
- 7) Golden proportion in Aesthetic Dentistry

- - -

Dr. NTR University of Health Sciences;;AP;;Vijayawada-520 008

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MDS DEGREE EXAMINATION – JUNE, 2015

SPECIALITY : CONSERVATIVE DENTISTRY AND ENDODONTICS

PAPER-III

(Endodontics)
(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss success and failures of endo-dontically treated teeth.
- 2) Discuss the present concept of peri-radicular surgery.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Rationale of endodontic therapy
- 4) Root Perforations and its management
- 5) Recent methods of root canal disinfection
- 6) Management of root fractures
- 7) Clinical significance of Minor diameter. How to identify?

MDS DEGREE EXAMINATION – OCTOBER, 2014

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-III

(Endodontics)
(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS**WRITE LONG ESSAYS ON THE FOLLOWING:**

2x20=40

- 1) Explain the principles of endodontic access cavity preparation. Write in detail on access preparation of upper first molar.
- 2) What is a stressed pulp? Explain the various vitality tests done to evaluate the status of the pulp.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Transient apical breakdown.
- 4) MTA in Endodontics.
- 5) Non vital bleaching.
- 6) Micro surgical instruments.
- 7) Fiber posts.

- - -

MDS DEGREE EXAMINATION – OCTOBER, 2014

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-IV

(ESSAY)
(*New Regulations*)

Time : 3 Hours

Max. Marks : 75

**WRITE LONG ESSAY ON ONE OF THE FOLLOWING WITH
LEGIBLE DIAGRAMS**

1) Pharmacology in Endodontics.

OR

2) Management of Non carious tooth lesions.

MDS DEGREE EXAMINATION – OCTOBER, 2014

SPECIALITY : CONSERVATIVE DENTISTRY & ENDODONTICS

PAPER-II
(Conservative Dentistry and Aesthetic Dentistry)
(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Explain Bur Design in detail. What are the cutting mechanisms and how do you evaluate the cutting efficiency.
- 2) Explain foundation restorations. Write on materials used for foundation restorations.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Contacts and contours
- 4) Bevels and flares
- 5) Condensation of Direct filling gold
- 6) Shade selection
- 7) Inlay wax

- - -

462-IA-MDS DEG. INTERNAL ASSESSMENT EXAMINATION – JUNE, 2014
CONSERVATIVE DENTISTRY & ENDODONTICS-PAPER-I-(Basic Sciences)-(New Regulations)-Time : 3 Hrs-Max. Mrks : 75-Answer All Questions With Legible Diagrams
Write long essays on the following: 2 x 20=40m

- 1..Oral manifestations of systemic conditions of dental relevance.
- 2..Describe the age changes in enamel, dentin, pulp and cementum and discuss their clinical significances.

Write Short Essays On The Following: 5 x 7=35m

- 3..Haemodynamic changes in acute inflammation
- 4..Microflora in secondary root canal treatment.
- 5..Luting cements
- 6..Discuss in detail maxillary branch of trigeminal nerve
7. Sterilization and disinfection.

462-MDS DEG. EXAMINATION-APR-2014-Conservative Dentistry & Endodontics
PAPER-I-(Basic Sciences)-(New Regulations)-Time : 3 Hours-Max. Marks : 75-Answer All Questions With Legible Diagrams

Write long essays on the following: 2 x 20=40m

- 1..Discuss in detail about caries activity tests.
- 2..Describe diabetes mellitus and its effects on oral environment

Write short essays on the following: 5 x 7=35m

- | | |
|--|-----------------------------|
| 3..Muscles of soft palate | 4..Discuss theories of pain |
| 5..Cordless gingival tissue management | 6..‘P’ Test |
| 7..Age changes in pulp tissues | |

462-MDS DEGREE EXAMINATION – OCTOBER, 2013=CONSERVATIVE
DENTISTRY & ENDODONTICS=PAPER-I=(Basic Sciences)=N.R.

Write Long Essays On The Following:

- 1..Discuss in detail about microbiology of infected root canal=20m
- 2..Describe in detail about hemodynamic changes in acute inflammation=20m

Write Short Essays On The Following=5 X 7=35m

- | | |
|--|-------------------------------------|
| 3..Discuss about Ice berg phenomena | 4..Pulpal reaction to dental caries |
| 5..Muscles of mastication and their function | 6..Biomimetic materials |
| 7..Various methods of sample collection in Biostatistics | |

462-MDS DEG. EXAMINATION – APRIL, 2013-CONSERVATIVE DENTISTRY
Write Long Essays On The Following: 2 X 20=20m

- 1..Discuss in detail the internal anatomy of mandibular first molar.
- 2..Differential diagnosis of odontogenic pain.

Write Short Essays On The Following: 5 X 7=35m

- | | | | | |
|------------------------|-------------|---------------|-------------------------|--------------------|
| 3..Innervation of pulp | 4..Necrosis | 5..Bur Design | 6..Structure of dentine | 7..Mercury Hygiene |
|------------------------|-------------|---------------|-------------------------|--------------------|

462-MDS DEG. EXAM-OCT. 2012-Conserv. Dentistry & Endodontics-PAPER-I
Answer All Questions With Legible Diagrams

Write Long Essays On The Following: 2 x 20=40m

- 1..Antibiotics in Dentistry
- 2..Pulp reactions to dental caries and dental procedures.

Write Short Essays On The Following: 5 x 7=35m

- 3..Cementogenesis
- 4..Local Anaesthesia in Medically compromised patients.

5..Recent ceramics

6..Hypertension

7..Cavity Liner & Varnish

462-MDS DEG. EXAM-APRIL, 2012-Conservative Dentistry & Endodon.PAPER-I

(Basic Sciences)-(New Regulations)-Time : 3 Hours-Max. Marks : 75

Write long essays on the following: 2 X 20=40m

- 1..Describe in detail the developmental disturbances and age changes of enamel and dentine.
- 2..Classify local anaesthetics. Describe in detail the pharmacology of local anaesthetics used in dentistry and methods of enhancing success of local anaesthesia.

Write Short Essays On The Following: 5 x 7=35m

- 3..Factors influencing wound healing.
- 4..Microbiology of dental caries and hypothesis governing the same.
- 5..Cytotoxicity and allergenicity of dental materials.
- 6..Saliva and its role in dental caries
- 7..Sampling in research

462-MDS DEG. EXAM-OCT., 2011-Conservative Dentistry & Endodont.PAPER-I

(Basic Sciences)- (New Regulations)-Time : 3 Hours-Max. Marks : 75

Write Long Essays On The Following: 2 x 20=40m

- 1..Describe temporo mandibular joint and its function.
- 2..Recent advances in Glass Ionomer Cements.

Write Short Essays On The Following: 5 x 7=35m

- 3..Deglutition.
- 4..Culture media
- 5..Retainerless matrices
- 6..Finishing and polishing.
- 7..Write in detail on investment material

462-MDS DEG. EXAM-APR, 2011-Conservative Dentistry & Endodont-PAPER-I

(Basic Sciences)- (New Regulations)-Time : 3 Hours-Max. Marks : 75

Write Long Essays On The Following: 2 x 20=40m

- 1..Write in detail about Dentine.
 - 2..Discuss microbial flora of infected root canals.
- Write Short Essays On The Following: 5 x 7=35m
- 3..Random sampling.
 - 4..Classify defective castings and discuss porosity in detail.
 - 5..Management of Biomedical waste in dental clinics.
 - 6..Inlay casting wax.
 - 7..Placebos

470-NR-MDS. DEG. EXAM-OCT, 2009-PART-I-Conservative Dentistry-PAPER-I

- 1..Orofacial Pain.
2. Development of Face and the Jaws
- 3..Give composition of saliva and its role in causation of dental caries.
- 4..Anatomy of Root Apex and its significance in Endodontics.
5. Die Materials.
- 6..Dentino Enamel Junction and its significance.
- 7..Biocompatibility of Dental Materials used in Restorative Dentistry.
8. Methods of minimizing and compensating for Casting Shrinkage.
9. Various applications of Calcium Hydroxide in Dentistry.
10. Culture Media and their limitations.

470-NR-MDS. DEG. EXAM-APR., 2009-PART-I-Conservative Dentistry-PAPER-I

- 1..Describe the structure and early functions of pulp.
- 2..Internal anatomy of posterior teeth and its significance in endodontics.
- 3..Describe eruption of permanent teeth.
- 4..Discuss etiology and clinical features of tooth surface lesions.
- 5..Discuss the role of hormones in the development of oral tissues.
- 6..Immunological aspects of Dental caries.

7..Luting cements – Properties, Advantages & Disadvantages.

8. Describe the casting defects. 9. Flowable composites. 10. Cementum.

470-NR-MDS. DEG. EXAM-NOV., 2008-PART-I=Conservative Dentistry-PAPER-I

1..Discuss anatomy of maxillary sinus and its clinical significance in relation to endodontic therapy.

2..Discuss pulp protection materials used in the light of recent advances.

3..Describe microbial aspect of dental caries. 4. Describe calcium metabolism.

5. Biocompatibility of tooth coloured restorative materials.

6. Describe muscles of mastication. 7. Titanium and its alloys in conservative dentistry.

8. Describe the role of vitamins in formation of hard tissues of teeth.

9. Irreversible pulpitis. 10. 'Culture Media' – and its functions.

470-NR-MDS. DEG. EXAM-MAY, 2008-PART-I-Conservative Dentistry-PAPER-I

1..Describe structure of enamel and its significance in Conservative Dentistry.

2..Write in detail causes for Hypoplasia and clinical features.

3..Give composition of saliva and its role in causation of dental caries.

4..Classify and describe various pulpal lesions.

5..Describe the various factors affecting the clotting mechanism.

6. Describe role of culture in endodontics.

7. Recent developments in Glass Ionomer Cements.

8. Fluorides in prevention of dental caries.

9. Describe recent advances in Dentin bonding. 10.Mercury Hygiene.

470-NR-MDS. DEG. EXAM-NOV-2007-PART-I-Conservative Dentistry-PAPER-I

1..Describe histological structure of dentin and its clinical importance.

2..Discuss in detail Micobial Floora of Dental caries

3. Blood platelets and their importance 4. Water soluble vitamins

5. Describe the importance of periapex in treatment

6. Discuss the role of muscles of mastication

7. Casting defects 8. Dentin bonding agents 9. Phosphate bonded investment

10.Synthetic porcelain cement

470-NR-MDS. DEG. EXAM-APR., 2007-PART-I-Conservative Dentistry-PAPER-I

Applied Anatomy, Physiology, Pathology -Including Microbiology & Dental Materials-

1..Innervation of Denting. 2. Blood groups and its importance.

3.Calcium metabolism-Discuss. 4. Caries vaccine & their role in prevention of dental caries

5. Describe Amelogenesis.

6. Irreversible pulpitis. 7. 'WHO' classification of periapical lesions.

8. Cavity varnishes. 9. DIE Materials.

10.Recent advances in Glass Ionomer Cements.

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MDS DEGREE EXAMINATION – APRIL, 2014=Conservative Dentistry & Endodontics-PAPER-II-(Conservative Dentistry & Aesthetic Dentistry)-N.R.-Time: 3 Hrs-Max. Marks : 75-Answer All Questions With Legible Diagrams

Write long essays on the following: 2 x 20=40m

- 1..Critically evaluate various cavosurface preparations for restoration.
- 2..Discuss in detail pin amalgam restorations

Write Short Essays On The Following: 5 x 7=35m

- 3..Bonded amalgam
- 4..Curing lights
- 5..Evolution of hand pieces
- 6..Matrices for Class V Cavity
- 7..Casting shrinkage and compensation for casting shrinkage

463 IA-MDS DEG. EXAMINATION – JANUARY, 2014-Conservative Dentistry & Endodontics-PAPER-II-(Conservative Dentistry and Aesthetic Dentistry)-(New .R. Time : 3 Hours-Max. Marks : 75-Answer All Questions With Legible Diagrams

Write long essays on the following: 2 x 20=40m

- 1..Causes and management of non-carious (other than traumatic) lesions.
- 2..Compare amalgam and composite resin as restorative materials

Write short essays on the following: 5 x 7=35m

- 3..Mercury toxicity and prevention of such toxicity
- 4..Micro-abrasion
- 5..Ceramic veneers
- 6..Shrinkage compensation in casting
- 7..Hybrid layer

463-MDS DEG. EXAMINATION-OCTOBER, 2013-CONSERVATIVE-PAPER-II DENTISTRY & ENDODONTICS-PAPER-II-(Conservative Dentistry & Aesthetic

Write Long Essays On The Following: 2 X 20=40m

- 1..Discuss about restorative modalities for badly broken down vital posterior tooth.
- 2..Discuss in detail about finishing and polishing of restoration.

Write Short Essays On The Following: 5 X 7=35m

3. Bonding agents
4. CAD CAM technology
5. Resin modified glass ionomers
6. Fabrication of wax patterns
7. Biological consideration of cavity preparation

463-MDS DEG. EXAMINATION – APRIL, 2013-CONSERVATIVE DENTISTRY & ENDODONTICS-PAPER-II-(Conservative Dentistry & Aesthetic Dentistry)-(New Regulations)-Time : 3 Hrs-Max. Mrks : 75-Answer All Questions With Legible Diagrams

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=40m

- 1..Discuss lasers in operative dentistry.
 - 2..Rotary cutting instruments in operative dentistry.
- WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m
3. Shade selection
 4. Veneers.
 5. Non-carious cervical lesions
 6. Indirect composites
 8. Air abrasives

463-MDS DEG. EXAM-OCT, 2012-Conserv. Dentistry & Endodontics-PAPER-II (Conservative Dentistry & Aesthetic Dentistry)-(New Regul.)-Time:3 Hrs-Max. Mrks:75 Answer All Questions With Legible Diagrams

Write long essays on the following: 2 x 20=40m

- 1..Discuss in detail – Recent advances in caries diagnosis.
- 2..Principles of smile design.

Write short essays on the following: 5 x 7=35m

- 3..Investments for Base metal alloys
- 4..Bevels and Flares

5..Hand Cutting Instruments

6..Management of Hypersensitive dentine

7..Hybrid Composites

463-MDS DEG. EXAMINATION – APRIL, 2012-CONSERVATIVE DENTISTRY & ENDODONTICS-PAPER-II-(Conservative Dentistry and Aesthetic Dentistry)-(N.R.)

Write Long Essays On The Following: 2 X 20=40m

1..Describe in detail mechanical methods of cavity preparations.

2..Critically analyze dentine bonding agents and recent methods of enhancing resin-dentine bonds

Write Short Essays On The Following: 5 x 7=35m

3..Pin amalgam restorations.

4..Calcium Hydroxide.

5..Ceramic veneers.

6..Armamentarium used in direct gold restoration.

7..Circumferential Tie

463-MDS DEG. EXAMINATION – OCT., 2011-CONSERVATIVE DENTISTRY &

Write Long Essays On The Following: 2 x 20=40m

1..Discuss methods of pain control during operative procedures.

2..Discuss about impression procedures in cast restorations.

Write Short Essays On The Following: 5 x 7=35m

3..Discuss various non-carious tooth defects and their management.

4..Significance of Lasers of Operative Dentistry.

5..Fibre reinforced composites.

6..Newer methods of diagnosis of Dental caries.

7..Modern cavity design for Class II cavities for amalgam

463-MDS DEG. EXAMINATION-APRIL, 2011-CONSERVATIVE DENTISTRY & ENDODONTICS-PAPER-II-(Conservative Dentistry & Aesthetic Dentistry)(New Reg.)

Write Long Essays On The Following: 2 x 20=40m

1..Discuss conservative dentistry in relation to geriatric dentistry.

2..Write in detail about methods of evaluating micro leakage.

Write Short Essays On The Following: 5 x 7=35m

3..Primer in bonding agents.

4..Describe the causes, incidence and management of abfraction.

5..Advantages and disadvantages of cast post.

6..Compaction of direct filling gold.

7..Role of speed in Operative Dentistry

471-M.D.S. DEG. EXAM-OCT., 2010-PART-II-Conservative Dentistry-PAPER-II

1..Describe in detail about direct and indirect composite restorations=25m

2..Discuss the management of gingival tissues during cavity preparation=25m

3..Discuss modern trends on cavity preparation for amalgam=25m

4..Lasers in Conservative Dentistry – Discuss=25m

471-M.D.S. DEG. EXAM-APR., 2010-PART-II-Conservative Dentistry-PAPER-II

1..Critically analyse the Cavosurface treatment for various restorations=25m

2..Discuss the causes of failures of amalgam restorations=25m

3..Discuss about contacts, contours & embrasures & its importance in restorative dentistry

4..Management of Hypersensitive dentin=25m

471-M.D.S. DEG. EXAM-OCT., 2009-PART-II-Conservative Dentistry-PAPER-II

1..Discuss recent advances in management of dental carie=40m

2..Discuss different techniques of obtaining additional retention for Cl. II amalgam restoration=30m

3..Discuss 'High Speed' and its advantages and disadvantages in conservative dentistry=30m

471-M.D.S. DEG. EXAM-APR., 2009-PART-II-Conservative Dentistry-PAPER-II

1..Discuss silver amalgam as a posterior restoration=40m

- 2..Discuss the anatomical aspects of occlusion, as related to restorative dentistry=30m
- 3..Discuss 'Demineralization' and 'Remineralization'=30m

471-M.D.S. DEG. EXAM-NOV-2007-PART-II-Conservative Dentistry-PAPER-II

Time: 3 Hours-Max. Marks:100-Answer All Questions

- 1..State the indications, contra indications of pin amalgam restoration and describe in detail an attempt to restore a class II pin amalgam restoration.
2. Discuss modern concepts in cavity designs in preparation of gold inlays.
3. Discuss various cutting tools and their importance in tooth preparation.

471-M.D.S. DEG. EXAM-NOV-2006-PART-II-Conservative Dentistry-PAPER-II

Time: 3 Hours-Max. Marks:100-Answer All Questions

- 1..Discuss techniques of restoring complex cavities in posterior teeth
2. "Reattachment of fractured teeth." Discuss various techniques and materials used.
3. Describe management of hypersensitive dentine.

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-IA-MDS DEG. INTERNAL ASSESSMENT EXAMINATION – JUNE, 2014-
Conservative Dentistry And Endodontics-PAPER-III-(Endodontics)-(New Regulations)-

Time : 3 Hours-Max. Marks : 75-Answer All Questions With Legible Diagrams
Write Long Essays On The Following: 2 x 20=40m
1..Discuss in detail the importance of working length and working width in endodontics and methods to measure the same.

2..Describe the ideal requisites and role of irrigants used in endodontics.

Write Short Essays On The Following: 5 x 7=35m

3..Bioactive materials in endodontics.

4..Problem solving in tooth isolation.

5..Recent advances in root canal scalars.

6..Role of digital imaging systems in endodontics.

7..Stem cells.

464-MDS DEGREE EXAMINATION – APRIL, 2014-Conservative Dentistry & Endodontics-PAPER-III-(Endodontics)-(New Regulations)-Time: 3 Hrs-Max. Marks: 75

Answer All Questions With Legible Diagrams

Write Long Essays On The Following: 2 x 20=40m

1..Discuss cross section of rotary instruments and its applied aspects during instrumentation in pulp space preparation.

2..Discuss about post endodontic restorations

Write Short Essays On The Following: 5 x 7=35m

3..Endo perio inter relation

4. Thermo plasticized Gutta Percha obturation

5..Loupes in endodontics

6. Recent concepts in surgical endodontics

7. Single visit endodontics

464-MDS DEGREE EXAMINATION – OCTOBER, 2013-CONSERVATIVE DENTISTRY & ENDODONTICS-PAPER-III-(Endodontics)-(New Regulations)-Time :

3 Hours-Max. Marks : 75-Answer All Questions With Legible Diagrams

WRITE LONG ESSAYS ON THE FOLLOWING: 2 X 20=40m

1..Problems faced during cleaning and shaping of root canal preparation

2. Discuss causes of discoloration of teeth and discuss in detail about vital bleaching

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35

3. Sonics and Endosonics in Endodontics

4. Retrograde filling materials

5. Flare up in Endodontics

6. Storage medias in tooth avulsion

7. Significance of apical 1/3rd in endodontics

464-MDS DEG. EXAMINATION – APRIL, 2013-CONSERVATIVE DENTISTRY

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=20m

1..Discuss endometrics

2. Rotary Endodontics

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m

3..Electric pulp test

4. Apical delta

5. Variations in Root canal Anatomy of Maxillary premolars

6. Resilon

7. Ceramic posts

464-MDS DEG. EXAM-OCT., 2012-Conserv. Dentistry & Endodontics-PAPER-III

(Endodontics)-(New Regulations)Time : 3 Hours-Max. Marks : 75

Answer All Questions With Legible Diagrams

Write Long Essays On The Following: 2 x 20=40m

1..Discuss Non-surgical endodontic retreatment. 2..Recent obturating materials and techniques.

Write Short Essays On The Following: 5 x 7=35m

3..Apex Locators 4..M.T.A 5..Recent Root end filling materials 6..Internal Resorption

7. Perforation repair.

464-MDS DEGREE EXAMINATION – APRIL, 2012-CONSERVATIVE DENTISTRY & ENDODONTICS-PAPER-III-(Endodontics)-(New Regul.)-Time:3 Hrs-Max. Mrks-75

Write Long Essays On The Following: 2 x 20=40m

1..Rotary endodontics with a note on recent developments. 2..Root resorption.

Write Short Essays On The Following: 5 x 7=35m

3..Mono block in endodontics.

4..Thermo plasticized gutta-percha obturation.

5..Recent root canal irrigants.

6..Single visit root canal therapy.

7. Bio-active materials in endodontics

464-MDS DEGREE EXAMINATION – OCTOBER, 2011-CONSERVATIVE DENTISTRY & ENDODONTICS-PAPER-III-(New Reg.)-Time : 3 Hrs-Max. Mrks : 75

Write Long Essays On The Following:2 x 20=40m

1..Discuss apex locators.

2..Discuss the management of Pulp exposure.

Write Short Essays On The Following: 5 x 7=35m

3..Use of ultrasonics in endodontics.

4..Smear layer

5..Electric Pulp Tester

6..Management of an avulsed tooth.

7..Recent advances in vital bleaching procedure.

464-MDS DEG. EXAMINATION – APRIL, 2011-CONSERVATIVE DENTISTRY & ENDODONTICS-PAPER-III-(New Regulations)-Time : 3 Hours-Max. Marks : 75

Write Long Essays On The Following: 2 x 20=40m

1..What are the problems faced during cleaning and shaping of root canal preparation.
2..Describe the structure and features of root apex and it's significance in endodontics.

Write Short Essays On The Following:5 x 7=35m

3..Briefly discuss recent advances in endodontic instruments for biomechanical preparation.
4.Endo ortho inter relation 5.Retrograde filling materials 6.Sequelae of Endodontic Surgeries

7..Eugenol and Non eugenol sealers.

472-MDS. DEG. EXAM-OCT., 2010-PART-II-Conservative Dentistry- PAPER-III

Endodontics-Time: 3 Hours-Max. Marks:100-Answer All Questions

1..Discuss latest advancements in Post and Core. 2..Discuss Endosonics in Endodontics.

3..Mention diseases of pulp and periapex and write in detail about Dento alveolar abscess.

4..Vital Bleaching.

472-M.D.S. DEG. EXAM-APR., 2010-PART-II-Conservative Dentistry-PAPER-III

1..Discuss failures during endodontic procedures and their management=25m

2.Role of Microscopes in Endodontics 3.Discuss about the current status of Pulp capping

4..APEX Locators=25m

472-M.D.S. DEG. EXAM-OCT., 2009-PART-II-Conservative Dentistry-PAPER-III

1..Discuss root end filling materials in endodontics=40m

- 2..Describe ideal requisites and role of irrigants used in endodontics=30m
- 3..“Lasers in Endodontics” – Discuss=30m

472-M.D.S. DEG. EXAM-APR., 2009-PART-II-Conservative Dentistry-PAPER-III

Endodontics-Time: 3 Hours-Max. Marks:100-Answer All Questions

- 1..Discuss Non-surgical management of Endodontic lesions=40m
- 2..‘Digital imaging system used in endodontics’ – Discuss=30m
- 3..How do you estimate the canal curvature? Describe management of curved root canals

472-M.D.S. DEG. EXAM-NOV-2007-PART-II-Conservative Dentistry-PAPER-III

Endodontics-Time: 3 Hours-Max. Marks:100-Answer All Questions

- 1..Discuss the importance of latest instrumentations in chemomechanical preparation of root canal.
2. Enumerate in detail the various pulpo periodontal problems and management of each case
3. State the importance of smear layer and discuss different materials used in treating smear layer.

472-M.D.S. DEG. EXAM-NOV-2006-PART-II-Conservative Dentistry-PAPER-III

Endodontics-Time: 3 Hours-Max. Marks:100-Answer All Questions

- 1..Discuss current status of pulp capping
2. Discuss various methods of determining working length during R.C. treatment
3. Discuss recent advances in surgical technique and equipment in endodontics.

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465-MDS DEGREE EXAMINATION – APRIL, 2014-Conservative Dentistry & Endodontics-PAPER-IV-(ESSAY)-(New Regulations)-Time:3 Hrs-Max. Mrks : 75

Write Long Essay On One Of The Following With Legible Diagrams

- 1..Ceramics “OR” 2.. Obturation

465 IA-MDS DEG. EXAMINATION – JANUARY, 2014-Conservative Dentistry & Endodontics-PAPER-IV-(ESSAY)-(New Regulations)-Time : 3 Hours-Max. Marks : 75

- 1..Modern methods of caries prevention and its management.

OR

- 2..Regenerative Endodontics.

465-MDS DEGREE EXAMINATION – OCTOBER, 2013-CONSERVATIVE

- 1..Write an essay on composites and Dentine Bonding agents “OR”

- 2..Role of magnification in endodontics

465-MDS DEG. EXAMINATION – APRIL, 2013-CONSERVATIVE DENTISTRY

- 1..Restoration of endodontically treated teeth “OR”

2. Hyper sensitive dentine - Management.

465-MDS DEG. EXAM-OCT., 2012-Conserv, Dentistry & Endodontics-PAPER-IV

Write Long Essay On One Of The Following With Legible Diagrams

- 1..Dentine Bonding “OR” 2. Surgical Endodontics

465-MDS DEG. EXAMINATION-APRIL, 2012-CONSERVATIVE DENTISTRY &

- 1..Microbiology in endodontics and methods to achieve canal sterilization. “OR”

- 2..Recent advances in dental ceramics.

465-MDS DEG. EXAM-OCT, 2011-Conservative Dent. & Endodontics-PAPER-IV

- 1..Management of traumatic injuries of teeth. “OR”

- 2..Regenerative endodontics.

465-MDS DEG. EXAM-APR., 2011-Conservative Dent. & Endodontics-PAPER-IV

- 1..Lasers in Operative Dentistry and Endodontics. “OR”

- 2..Adhesives in restorative dentistry.

473-M.D.S. DEGREE EXAMINATION – OCTOBER, 2010-PART-II-

- 1..Dental caries. “OR” 2. Obturation of Root canals.

473-M.D.S. DEG. EXAMINATION – APRIL, 2010-PART-II-CONSERVATIVE

- 1..Infection control. “OR” 2. Endodontic emergencies.

473-M.D.S. DEG. EXAM-OCT., 2009-PART-II-Conservative Dentistry-PAPER-IV

- 1..Critically analyse various indirect restorations. “OR”

- 2..Endodontic Radiography.

473-MDS. DEG. EXAM-APRIL, 2009-PART-II-Conservative Dentistry-PAPER-IV

- 1.. “Rotary Instruments” in endodontics. “OR”

- 2.. “Dental caries” Recent advances in diagnosis and management.

473-MDS. DEG. EXAM-NOV-2007-PART-II-Conservative Dentistry-PAPER-IV

- a) Discuss various internal and external morphological defects of tooth structure and their management. “OR”

- b) Various obturating materials and techniques

473-MDS. DEG. EXAM-NOV-2006-PART-II-Conservative Dentistry-PAPER-IV
1..Endo perio problems and management “OR” 2. Minimal Intervention dentistry

SJDC