

QP Code No 454 NR/D315A01

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

SPECIALITY: PERIODONTOLOGY

PART-I
PAPER I

(Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry,
Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics
Growth and Development and Dental plaque, Genetics.)
(New Regulations)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

10x10= 100

1. Anatomy of the pterygopalatine Fossa and its clinical relevance.
2. Role of Vitamin C in periodontal health and the pathogenesis of Scurvy
3. The “Red Complex” microorganisms and their clinical significance.
4. Bone remodeling cycle (A-R-F sequence) and factors regulating osteoclastogenesis.
5. Management of a patient on Anti-platelet and Anti coagulant therapy.
6. Oxidative Stress and the role of Antioxidants in Periodontal therapy.
7. Origin, course and distribution of Maxillary Artery.
8. Ethical considerations in human clinical trials (Declaration of Helsinki)
9. Development of the Periodontal Ligament (PDL) and its mechanical functions.
10. Systemic Antibiotics used in Periodontal therapy- Indications and dosage.

QP Code 455-NR/D315C011

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – SEPTEMBER 2026

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER I
(New regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

1. Discuss the role of occlusion in periodontal diseases.
2. Discuss the role of genetics in the periodontal disease progression.

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

3. "Write a note on the role of non-steroidal anti-inflammatory drugs (NSAID) in host modulation therapy.
4. Effect of Smoking on pathogenesis of Periodontal Disease.
5. Explain the use of metronidazole in periodontal therapy.
6. Discuss the iatrogenic factors in periodontitis.
7. Write a note on evaluation of attached gingiva and its role in periodontal health.

QP Code 456-NR /D315C012

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – SEPTEMBER 2026

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER II

(Periodontal Diagnosis, Therapy and Oral Implantology)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

1. Discuss the modalities of periodontal treatment for medically compromised patients.
2. Classify peri-implant diseases and conditions. Discuss in detail the etiology, diagnosis and management of peri implantitis.

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

3. Periodontal microsurgery vs. conventional surgery
4. Photodynamic therapy (PDT) in periodontics
5. Concentrated Growth Factors (CGF)
6. Management of necrotizing periodontal diseases.
7. Maxillary sinus floor elevation techniques for implant placement.

Q.P. CODE:457-NR/D315C013

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

MDS DEGREE EXAMINATION – SEPTEMBER 2026

SPECIALITY: PERIODONTOLOGY

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**

2x50=100

1. Periodontal Plastic Surgery
2. Critically analyse the selectin of outcome measures (clinical vs.histological vs. radiographic) in clinial trials evaluating bone grafts and guided tissue regeneration. Discuss the ethical dilemmas regarding the use of human histological evidence and the impact of industry sponsorship on research outcomes.
3. Disucss the biological mechanisms of early vs. late implant failure. Analyse how patient related systemic factors (Such as poorly controlled diabetes and osteoporosis) and local mechanical stresses influence the long erm maintenance or breakdown of osseointegration. .

QP Code No 454 NR

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

SPECIALITY: PERIODONTOLOGY

PART-I
PAPER I

(New Regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

10x10= 100

11. Pharmacological agents affecting bone resorption
12. Bleeding disorders
13. Radom sampling
14. Write functions of saliva
15. Analgesic in Dental Practice
16. Classify and write about pathophysiology of shock
17. Discuss the role of Adrenaline in Local Anesthesia
18. Pro inflammatory cytokine
19. Camentum
20. Write about the Tests of significance in Biostatistics

QP Code 455

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – NOVEMBER 2025

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER I
(New regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

8. Compliment activation. Discuss its role in the Pathogenesis of Periodontal disease
9. Discuss the interrelationships of Diabetes and Periodontal Disease

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

10. "Halitosis
11. Latrogenic factors in Periodontal disease
12. Plasma cell Gingivitis
13. Pathogenesis of drug induced Gingival Enlargement
14. Theories of Etiology of Bruxism

QP Code 456

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – NOVEMBER 2025

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER II
(Clinical Orthodontics)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

8. Discuss the Periodontal treatment protocol for Medically compromised Patients
9. Define and classify furcation involvements Discuss the treatment procedure for Maxillary furcation's

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

10. "Pulpo-periodontal problems and management
11. Local drug delivery system
12. Crown lengthening procedures
13. Periodontal splints
14. Implant stability

Q.P. CODE:466

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

SPECIALITY: PERIODONTOLOGY

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**

2x50=100

4. Critically evaluate reconstructive surgical procedures
5. Treatment protocols in peri implantitis
6. Photo-dynamic therapy in Periodontitis .

QP Code No 454 NR

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

SPECIALITY: PERIODONTOLOGY

**PART-I
PAPER I**

**(Applied Basic Science: Applied Anatomy, Physiology, Biochemistry,
Pathology, Microbiology, Pharmacology , Research Methodology and
Biostatistics**

(New Regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

1. Pain pathways
2. Methods of Presentation of data
3. Host derived enzymes
4. Antimicrobial peptides
5. Osseointegration
6. Biochemical markers in periodontal diagnosis
7. Keratinization and in periodontal diagnosis
8. Culture media
9. Maxillary sinus
10. Non steroidal Anti Inflammatory Drugs (NSAIDs)

QP Code 455

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – OCTOBER 2024

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER I

(Normal Periodontal Structure, Etiology and Pathogenesis of periodontal diseases, Epidemiology as related to Periodontics)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

1. Effect of smoking in etiology and pathogenesis of periodontal diseases
2. Endocrinal influences in the etiopathogenesis and management of periodontal disease

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

3. Etiopathology of tooth mobility
4. Stress and periodontitis
5. Causes of failure of periodontal treatment
6. Periodontal abscess
7. Mechanism and pathogenesis of pocket formation

QP Code 456

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – OCTOBER 2024

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER II

(Periodontal Diagnosis, Therapy and Oral implantology)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

1. Socket preservation and alveolar ridge preservation. Discuss in detail
2. Describe the biological basis of Periodontal Regeneration elaborating the Tissue Exclusion Principles

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

3. Periodontal dressing
4. Individual tooth prognosis
5. Root biomodification
6. Systematic approaches for diagnosis of desquamative gingivitis
7. Perimplantitis

Q.P. CODE:466

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

SPECIALITY: PERIODONTOLOGY

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. Controversies in Periodontics.
2. Discuss in detail about stem cells in peridontal therapy
3. Imaging modality for implant placnement and current trends in it

Q.P. CODE NO.:454-NR

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

MDS DEGREE EXAMINATION – MAY, 2024

SPECIALITY : PERIODONTOLOGY

PART-I

PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, Biochemistry, Pathology,
Microbiology, Pharmacology, Research Methodology and Biostatistics.

(New Regulations)

Time : 3 Hours

Max. Marks : 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Epidemiological study designs.
- 2) Write a note on hemostasis.
- 3) Describe acute and chronic inflammation.
- 4) Write in detail about calcium metabolism.
- 5) Classify shock and write the management of vasovagal shock in the dental clinic.
- 6) Describe the various methods used to identify the bacteria.
- 7) Describe the ultra-structure of gingival epithelium.
- 8) Discuss the role of antioxidants in periodontal diseases.
- 9) Write the origin, course, branches, distribution and applied anatomy of the facial nerve.

QP Code No 454 NR

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER 2023

SPECIALITY: PERIODONTOLOGY

PART-I
PAPER I

(New Regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

10x10= 100

1. Discuss the importance of NSAIDS (Non Steriodal anti inflammatory drugs) in periodontal therapy
2. Write the blood supply and lymphatic system of the periodontium
3. Types of hypothesis in statistics
4. Write a note on growth hormones
5. Describe the measures of central tendency and variability in brief
6. Explain the pain pathways of periodontitis
7. Write a note on TMJ (Temporonadibular Joint)
8. Composition and functions of Saliva
9. Describe the aerobes and anaerobes
10. Describe the various types of data collection methods in research

Q.P. CODE:455-NR

DR.YSR UNIVERSITY OF HEALTH SCIENCES:AP:: VIJAYAWADA – 520 008

MDS DEGREE EXAMINATION – NOVEMBER, 2023

SPECIALITY: PERIODONTOLOGY

PART-II

PAPER I

(Normal Periodontal Structure, Etiology and Pathogenesis of Periodontal diseases,
Epidemiology as related to Periodontics)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss the influence of diabetes mellitus on periodontal tissues.
- 2) Define biofilm. Write in detail about the role of plaque as a biofilm.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Theories of Calculus Formation
- 4) Reactive oxygen species
- 5) Female sex hormone influences on gingival tissue
- 6) Periodontal screening and recording
- 7) Non-plaque-induced gingival lesions

Q.P. CODE:456-NR

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

MDS DEGREE EXAMINATION – NOVEMBER, 2023

SPECIALITY: PERIODONTOLOGY

PART-II

PAPER-II

(Periodontal Diagnosis, Therapy and Oral Implantology)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Write in detail about the use of systemic antibiotics in the management of periodontal disease.
- 2) Define osseointegration. Write in detail about the mechanism of osseointegration of dental implants. Add a note on primary stability.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Prevalence of periodontitis
- 4) Neutrophil disorders associated with periodontal diseases
- 5) Discuss the mechanism of bone destruction in Periodontal disease
- 6) Periodontal Probes
- 7) Piezoelectric bone surgery

Q.P. CODE:457-NR

Dr. Y.S.R. University of Health Sciences::AP::Vijayawada-520 008
MDS DEGREE EXAMINATION – NOVEMBER, 2023
SPECIALITY : PERIODONTOLOGY
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) Supportive periodontal therapy. 2x50=100
- 2) Periodontal regeneration.
- 3) Salivary biomarkers in periodontal disease.

Q.P. CODE NO.:454-NR

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

MDS DEGREE EXAMINATION – MAY, 2023

SPECIALITY : PERIODONTOLOGY

PART-I

PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry, Pathology,
Microbiology, Pharmacology, Research Methodology and Biostatistics.

(New Regulations)

Time : 3 Hours

Max. Marks : 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Ultrastructure and function of junctional epithelium
- 2) Periodontal Ligament and its functions
- 3) Calcium and phosphorous metabolism.
- 4) Culture media and methods
- 5) Describe the role of Chlorhexidine as an anti-plaque agent.
- 6) Metronidazole in periodontal therapy.
- 7) Elaborate on the role of neutrophils as the first line of defence.
- 8) What is the role of Vitamin C in Collagen Metabolism? Add a note on Scurvy.
- 9) Enumerate the various indices used for screening of periodontal disease. Write in detail about Russel's Periodontal Index.
- 10) Randomized controlled trials.

Q.P. CODE:455-NR

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

MDS DEGREE EXAMINATION – MAY, 2023

SPECIALITY: PERIODONTOLOGY

PART-II

PAPER I

(Normal Periodontal Structure, Etiology and Pathogenesis of Periodontal diseases,
Epidemiology as related to Periodontics)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Write on Peri-implantitis.
- 2) Discuss the role of genetics in the etiopathogenesis of periodontitis.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Acute phase proteins.
- 4) Smoking and periodontal disease
- 5) Pathogenesis of drug induced gingival enlargement.
- 6) Endo-perio lesions.
- 7) Role of Saliva in plaque formation.

Q.P. CODE:456-NR

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

MDS DEGREE EXAMINATION – MAY, 2023

SPECIALITY: PERIODONTOLOGY

PART-II

PAPER-II

(Periodontal Diagnosis, Therapy and Oral Implantology)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss “Host Modulation Therapy” and its rationale.
- 2) Discuss the treatment of furcation involvement in detail.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Surgical implant related complications.
- 4) Photodynamic therapy.
- 5) Periodontal management of diabetic patient.
- 6) Clinical applications of Enamel Matrix Proteins.
- 7) Techniques in harvesting autogenous bone grafts.

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Q.P. CODE:457-NR

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

MDS DEGREE EXAMINATION – MAY, 2023

SPECIALITY : PERIODONTOLOGY

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) LASERS in periodontal therapy. 2x50=100
- 2) Mechanisms and control of pathologic bone loss in Periodontitis.
- 3) Perio-esthetics.

Q.P. CODE:466

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

SPECIALITY: PERIODONTOLOGY

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**

2x50=100

1. GCF as a marker of periodontal destruction
2. Critical issue in periodontal research
3. Osseointegration

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – OCTOBER 2022

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER II
(Periodontal Diagnosis, Therapy and Oral implantology)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

1. Discuss the role of Trauma form occlusion in the progression of periodontal disease
2. Discuss the viral etiology of periodontal disease

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

3. Endo –Perio lesions
4. Diode lasers
5. Platelet Rich Fibrin (PRF)
6. Management of drug induced enlargement
7. Ridge augmentation for implant placement

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – OCTOBER 2022

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER I

(Normal periodontal structure, etiology and pathogenesis of periodontal diseases, epidemiology as related to periodontics)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

1. Discuss the current concepts of host response in periodontal disease
2. Discuss the microscopic structure of gingiva

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

3. Null hypothesis
4. Role of vitamin C in periodontal health
5. MMP inhibitors in periodontal therapy
6. Microbial complexes
7. Periodontal abscess

QP Code No 454 NR

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

SPECIALITY: PERIODONTOLOGY

**PART-I
PAPER I**

**(Applied Basic Science: Applied Anatomy, Physiology, Biochemistry,
Pathology, Microbiology, Pharmacology , Research Methodology and
Biostatistics**

(New Regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

10x10= 100

1. Maxillary Nerve
2. Natural resolution of inflammation
3. Gingival bleeding
4. Transporting medical and lab diagnosis
5. Test of significance
6. Aggregatibacter actinomycetemcomitans(Aa)
7. DNA Probe
8. Antibiotics – uses and abuses
9. Clotting factors and mechanism of clotting
10. Stem cells

Q.P. CODE:466

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

MDS DEGREE EXAMINATION – MAY , 2022

SPECIALITY: PERIODONTOLOGY

**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**

2x50=100

1. Role of LASERS in periodontal therapy
2. Periodontal medicine
3. Evidence based periodontal therapy

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – MAY 2022

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER II
(Periodontal Diagnosis, Therapy and Oral implantology)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAM

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

1. Discuss the recent trends in the management of Grade II furcation involvement
2. Discuss the recent advances in periodontal diagnosis

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

3. Implant bone interface
4. Factors governing periodontal prognosis
5. Techniques for harvesting the connective tissue graft
6. Treatment protocols for HIV patients
7. Current thinking on root biomodification

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – OCTOBER 2022

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER I

(Normal periodontal structure, etiology and pathogenesis of periodontal diseases, epidemiology as related to periodontics)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

1. Discuss the role of Junctional Epithelium in health and disease
2. Discuss the current concepts and controversies on Dental plaque

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

3. Methods of sampling in periodontal research
4. Etiopathogenesis of aggressive periodontitis
5. Markers of bone destruction in periodontal diseases
6. Oral malodor
7. Reactive oxygen species and its relevance to periodontal disease

QP Code No 454 NR

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

SPECIALITY: PERIODONTOLOGY

PART-I
PAPER I

**(Applied Basic Science: Applied Anatomy, Physiology, Biochemistry,
Pathology, Microbiology, Pharmacology , Research Methodology and
Biostatistics**

(New Regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

10x10= 100

1. Nerve supply of periodontium
2. Role of Vitamin C in health and disease
3. Composition and function of saliva
4. Clinical use of Metronidazole in periodontics
5. Tannerella forsythia (TF)
6. Lab investigation for HIV
7. Anatomical considerations in periodontal surgery
8. Genetic polymorphism
9. Soft tissue – implant interface
10. Clinical trials in periodontal research

QP Code No 454 NR

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

SPECIALITY: PERIODONTOLOGY

**PART-I
PAPER I**

**(Applied Basic Science: Applied Anatomy, Physiology, Biochemistry,
Pathology, Microbiology, Pharmacology , Research Methodology and
Biostatistics**

(New Regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

10x10= 100

1. Describe briefly the anatomy of the temporo-mandibular joint (TMJ) Add a note on articular disc of the TMJ
2. Discuss the various defence mechanisms of the oral cavity against infection
3. Classify cementum. Describe the various theories of cementogenesis
4. Enumerate the clotting factors. Add a note on haemophilia
5. Discuss the physiology and salient feature of normal occlusion
6. Discuss standard safety procedure (Universal Safety Precautions). Add a note on post exposure prophylaxis for HIV
7. Discuss the theories of formation of the Gingival Crevicular Fluid(GCF)
8. Enumerate macro nutrients and micronutrients. Discuss anti-oxidants
9. Enlist any 4 indices for measuring periodontitis. Describe in brief the community periodontal index (CPI)
10. Describe case- control and cohort studies.

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – JULY 2021

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER II
(Periodontal Diagnosis, Therapy and Oral implantology)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

1. Discuss the management of medically compromised patients in Periodontics
2. Discuss the current status of Host Modulation Therapy (HMT) in periodontics

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

3. Modified Widman flap surgery
4. Sinus lift treatment as a treatment modality in implant placement
5. Supportive Periodontal Treatment (SPT)
6. Enamel Matrix Derivatives (EMD)
7. Recent advances in papillae reconstruction procedure

Q.P. CODE:466

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

MDS DEGREE EXAMINATION – JULY , 2021

SPECIALITY: PERIODONTOLOGY

**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**

2x50=100

1. Nonsurgical periodontal therapy
2. Perimplantitis – Diagnosis and management
3. Periodontal microsurgery

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

SPECIALITY: PERIODONTOLOGY

PART-I
PAPER I

**(Applied Basic Science: Applied Anatomy, Physiology, Biochemistry,
Pathology, Microbiology, Pharmacology , Research Methodology and
Biostatistics**

(New Regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

10x10= 100

1. Mention the common medical emergencies in the dental clinic and write a note on management.
2. Describe the structural properties and functions of collagen
3. Write a note on essential amino acids
4. Describe different study designs in statistics
5. Write an overview of diagnosis and tests of diabetes mellitus
6. Describe the methods of sterilization
7. Write a note on randomized controlled trial
8. Write on the effect of aging on the periodontal diseases
9. Describe the mandibular nerve
10. Write a note on maxillary sinus. .

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION – DECEMBER 2021

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER I

(Normal periodontal structure, etiology and pathogenesis of periodontal diseases, epidemiology as related to periodontics)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

1. Discuss the role of Gingival Crevicular Fluid (GCF) in periodontal health and disease
2. Role of imaging techniques in the diagnosis of periodontal disease

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

3. Cytokines
4. Models of periodontal disease progression
5. Scope and limitations of recent classifications of periodontal diseases
6. Latrogenic factors in periodontal disease
7. Prevalence of periodontal disease in India.

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –DECEMBER 2021

SPECIALITY: PERIODONTOLOGY

PART-II
PAPER II

(Periodontal Diagnosis, Therapy and Oral implantology)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x25= 50

1. Discuss the traditional and recent trends in the Gingival Augmentation procedures
2. Discuss the scope and limitations of antibiotics in periodontal therapy

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x10=50

3. Full mouth disinfection
4. Maintenance schedule for implant patient
5. Photodynamic therapy
6. Rationale for Periodontal dressings
7. Periodontal probes and probing techniques

Q.P. CODE:466

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

SPECIALITY: PERIODONTOLOGY

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**

2x50=100

1. Discuss the clinical issues in periodontal research
2. Role of hormones in periodontal health and diseases
3. Osseointegration

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-8
MDS DEGREE EXAMINATION – SEPTEMBER 2020

SPECIALITY: PERIODONTOLOGY

PART-I
PAPER I
(Basic Sciences)

(New Regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

10x10= 100

1. Viral infections of Oral Cavity .
2. Long Junctional epithelium
3. Vitamin K
4. Aggregatibacter actinomycetemcomitans
5. Collagen
6. Sterilizations of instruments against AIDS
7. Functions of Insulin
8. Antibiotic prophylaxis
9. Origin and insertion of muscles of mastication
10. Factors affecting Erythropoiesis . .

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER 2020

SPECIALITY: PERIODONTOLOGY

PART-I
PAPER I

**(Applied Basic Science: Applied Anatomy, Physiology, Biochemistry,
Pathology, Microbiology, Pharmacology , Research Methodology and
Biostatistics**

(New Regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

10x10= 100

1. Describe the surgical anatomy of the maxillary sinus. Add a note on the histology of the Schneiderian membrane
2. Describe the structure and functions of the alveolar bone. Add a note on lamina dura
3. Define index. Describe the Periodontal screening and recording index/ system
4. Describe the events in wound healing by secondary intention. Enumerate relevant examples from periodontal surgery
5. Classify antibiotics. Describe tetracycline in brief .
6. Describe acquired immunity. Add a note on complement system
7. Describe sampling techniques in research
8. Application of evidence based dentistry in periodontics
9. Classify vitamins. Discuss the role of Vitamin B complex in health and disease.
10. Describe the composition and functions of saliva . .

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –DECEMBER 2020

SPECIALITY: PERIODONTOLOGY

PAPER I
(Basic Science)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Micro organisms in the aetiology of gingival and periodontal disease.
2. Hemostasis – discuss the techniques and materials

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Sterilization of instruments against AIDS
4. Immunoglobulins
5. Vitamin C
6. Lactic Acid Dehydrogenase
7. Oral antifungal agents.

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –AUGUST 2020

SPECIALITY: PERIODONTOLOGY

PAPER I
(Basic Science)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Discuss the applied aspects of various facial spaces .
2. Mandibular nerve

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. B-Cells
4. Keratinization
5. Statistical management of periodontal data
6. Clotting mechanism
7. Microbial culture .

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –AUGUST 2020

SPECIALITY: PERIODONTOLOGY

PAPER II
(Etiopathogenesis)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Discuss the various chair side commercial diagnostic kits to help in Periodontal diagnosis .
2. Discuss the pathobiological inter-relationships between diabetes, coronary artery diseases and periodontal disease .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Psychosocial stress and periodontal diseases.
4. Evidence based Decision Making
5. Defensins
6. Gingival crevicular fluid in health and disease
7. Cysts of the periodontium .

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –AUGUST 2020

SPECIALITY: PERIODONTOLOGY

PAPER III
(Clinical Periodontology and Oral Implantology)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. The periodontic-endodontic continuum .
2. Periodontal therapy in the female patient .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Toothpaste .
4. Air polishing
5. Calculus detection technologies
6. Bone augmentation at implant site
7. Local drug delivery in Periodontal therapy .

Q.P. CODE:466

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

SPECIALITY: PERIODONTOLOGY

PAPER-IV

(ESSAY)

Time: 3 Hours

Max. Marks: 75

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

1. Concepts of Periodontal regeneration
2. Advanced diagnostics in Periodontics and oral implantology

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

SPECIALITY: PERIODONTOLOGY

PART-I
(Basic Science)
(New Regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

10x10= 100

1. Antioxidants
2. Factors affecting wound healing
3. Local drug delivery
4. Scurvy
5. Cytokines .
6. Microbial tests in periodontal diagnosis
7. Vasoconstrictors in local anesthesia
8. Oral antifungal agents
9. Structural and functional aspects of periodontal ligament .
10. Anti coagulant .

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –OCTOBER 2019

SPECIALITY: PERIODONTOLOGY

PAPER I
(Basic Sciences)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Molecular and cell biology of cementum .
2. Structure and function of the periodontal ligament .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Sex steroid hormones .
4. Global burden of periodontal disease
5. Application of evidence based dentistry
6. Stem cells
7. Periodontal Index .

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –OCTOBER 2019

SPECIALITY: PERIODONTOLOGY

PAPER II
(Etiopathogenesis)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Comparison of chronic periodontitis and aggressive periodontitis .
2. Pathobiology of dentine hypersensitive .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. X- linked diseases and periodontal health .
4. Peri- implantitis .
5. Role of Treponema denticola in periodontal disease
6. Pro-inflammatory cytokines
7. Abscesses .

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –OCTOBER 2019

SPECIALITY: PERIODONTOLOGY

PAPER III
(Clinical Periodontology and oral implantology)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Explain the pathology and management of periodontal problems in patients with HIV infection .
2. Herbal therapies in Periodontics .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Pathogenesis of the periodontal pocket .
4. Occlusal evaluation
5. Treatment of aggressive periodontitis
6. Maxillary sinus elevation
7. Rationale for periodontal therapy.

Q.P. CODE:466

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

SPECIALITY: PERIODONTOLOGY

PAPER-IV

(ESSAY)

Time: 3 Hours

Max. Marks: 75

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

1. Recent advances in surgical technology in periodontics and oralk
implantology **OR**
2. Restorative Periodontics interrelationships

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

SPECIALITY: PERIODONTOLOGY

PART-I
(Basic Science)
(New Regulation)

Time: 3 Hours

Marks 100

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

10x10= 100

1. Oxygen toxicity
2. Neutrophil defects
3. Fat soluble vitamins
4. Phagocytosis
5. Functions of Saliva .
6. Metronidazole in Periodontal therapy
7. Cohort study
8. Development of gingival sulcus
9. Basal Metabolic Rate .
10. Blood supply of Gingiva .

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –MAY 2019

SPECIALITY: PERIODONTOLOGY

PAPER I
(Basic Sciences)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Microscopic and ultrastructure of the gingiva .
2. Innate and acquired immunity of the periodontium

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Non Steroidal ant inflammation drugs .
4. Calcium metabolism
5. Types of genetic studies in periodontics
6. Methods of sterilization
7. Randomized controlled Trials .

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –MAY 2019

SPECIALITY: PERIODONTOLOGY

PAPER II
(Etiopathogenesis)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Discuss the role of genetic polymorphisms in the initiation and progression of periodontal disease .
2. Describe in detail the role of interleukins in periodontal disease .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Connective tissue alternations in periodontitis .
4. Acute phase reactants
5. Effect of smoking in periodontal disease and therapy
6. Stress and periodontium
7. Microbial complexes

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –MAY 2019

SPECIALITY: PERIODONTOLOGY

PAPER III
(Clinical Periodontology and oral implantology)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Discuss host modulation therapy .
2. Discuss the current concept of Osseo integration .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Resective osseous surgery .
4. Piezoelectric bone surgery
5. Papilla reconstruction procedures
6. Role of splinting in periodontal therapy
7. Individual tooth prognosis .

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

SPECIALITY: PERIODONTOLOGY

PAPER-IV

(ESSAY)

Time: 3 Hours

Max. Marks: 75

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

1. Controversies in Periodontics

OR

2. Risk factors for Periodontitis

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –MAY 2018

SPECIALITY: PERIODONTOLOGY

PAPER I
(Basic Sciences)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Molecular and cell biology of cementum.
- 2) Structure and functions of the periodontal ligament.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7=35

- 3) Discuss Pharmacological agents which effect bone resorption
- 4) Global burden of periodontal disease
- 5) Application of evidence based dentistry
- 6) Stem Cells
- 7) Periodontal Index

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –MAY 2018

SPECIALITY: PERIODONTOLOGY

PAPER III
(Clinical Periodontology and oral implantology)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Explain the pathology and management of periodontal problems in patients with HIV infection .
2. Periodontal therapy in the female patient .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Herbal therapeutics .
4. Preprosthetic surgery
5. Macro design of implants
6. Role of antibiotics in Periodontitis
7. Implant related complications .

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

SPECIALITY: PERIODONTOLOGY

PAPER-IV

(ESSAY)

Time: 3 Hours

Max. Marks: 75

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

1. Discuss chemical plaque control

OR

2. Discuss Periodontal regenerative concepts and techniques

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –OCTOBER 2018

SPECIALITY: PERIODONTOLOGY

PAPER I
(Basic Sciences)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Describe structural properties and functions of collagen .
- 2) Describe the physical properties and functions of saliva
and add a note on plaque formation.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7=35

- 3) Discuss physiology of pain
- 4) Vitamin C and its role in Periodontal disease
- 5) Role of pre-medication in Periodontal surgery
- 6) Mandibular nerve
- 7) Essential Amino acids

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –OCTOBER 2018

SPECIALITY: PERIODONTOLOGY

PAPER II
(Etiopathogenesis)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Role of neutrophil enzymes in periodontal health and disease .
2. Discuss diabetes and periodontal disease .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Role of Auto inducers in quorum sensing .
4. Pre disposing factors and etiology of furcation involvement
5. Explain the stages of gingivitis with neat labeled diagram
6. Explain the influence of trauma from occlusion on progression of marginal periodontitis
7. Write a note on periodontal abscess.

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –OCTOBER 2018

SPECIALITY: PERIODONTOLOGY

PAPER III
(Clinical Periodontology and oral implantology)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Describe the Biological Basis of Periodontal regeneration elaborating the Tissue Exclusion Principle .
2. Describe the role of antibiotics in management of chronic and Aggressive forms of Periodontitis .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Describe the process of integration of different bone graft materials into the periodontal defects .
4. Enumerate the NIDCR guidelines for a Periodontal Diagnostic Device .
5. Describe the procedures for correction of soft tissue
6. Management of halitosis
7. Describe the implant soft tissue interface.

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

SPECIALITY: PERIODONTOLOGY

PAPER-IV

(ESSAY)

Time: 3 Hours

Max. Marks: 75

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

1. Dental plaque biofilm and its role in the etio-pathogenesis of periodontal diseases and its influence on the therapeutic approaches
- OR**
2. Procedures to enhance esthetic outcomes around natural teeth and implants.

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –JUNE 2017

SPECIALITY: PERIODONTOLOGY

PAPER I
(Basic Sciences)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Describe the physical properties and functions of saliva
and add a note on its role in plaque formation .
- 2) Write in detail about Lab investigations in Periodontal
diseases. .

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7=35

- 3) Describe the prevention and management of syncope in
dental office
- 4) Describe the structural properties and functions of
collagen
- 5) Vasoconstrictors in local anesthesia
- 6) Attached gingiva
- 7) Metronidazole in periodontal therapy

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –JUNE 2017

SPECIALITY: PERIODONTOLOGY

PAPER II
(Etiopathogenesis)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Describe the effect of orthodontics therapy on periodontium .
- 2) Describe the role of enzymes of the dental plaque in the initiation and spread of periodontal disease .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Explain the role of Aggregatibacter actinomycetemcomitans in aggressive periodontitis
- 4) Influences of diabetes mellitus of periodontal tissues
- 5) Pathogenesis of gingival bleeding
- 6) Plaque hypothesis

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –JUNE 2017

SPECIALITY: PERIODONTOLOGY

PAPER III
(Clinical Periodontology and oral implantology)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Discuss the current concepts of Osseo integration .
2. Periodontal considerations and treatment of medically compromised patients .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Antioxidants in Periodontics .
4. Bioresorbable membranes
5. Maintenance schedule for the implant patient
6. DNA probe
7. Crown lengthening procedures

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

SPECIALITY: PERIODONTOLOGY

PAPER-IV

(ESSAY)

Time: 3 Hours

Max. Marks: 75

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

1. LASERS in periodontal therapy

OR

2. Diagnostc aids in Periodontics

Q.P. CODE:454

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

SPECIALITY : PERIODONTOLOGY

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) Role of Junctional Epithelium in Periodontal Health and Disease
- 2) Describe Bone physiology. Discuss its relevance in implant dentistry

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Blood coagulation cascade
- 4) NSAIDs
- 5) Sampling
- 6) Estrogen, Progesterone and the Periodontium
- 7) Vitamin C - Deficiency

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –JUNE 2016

SPECIALITY: PERIODONTOLOGY

PAPER I
(Basic Sciences)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Discuss the structure of periodontal ligament along with its functions

- 2) Describe the composition and mechanism of action of local anesthetic agent and add a note on inferior alveolar nerve block technique . .

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7= 35

- 3.Maxillary sinus
- 4.CPITN index
- 5.Blood supply of periodontium
- 6.Macroscopic anatomy of gingiva
- 7.Viral infections of Oral Cavity

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –JUNE 2016

SPECIALITY: PERIODONTOLOGY

PAPER II
(Etiopathogenesis)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Describe the role of bacteria in the etiopathogenesis of periodontal disease and add a note on ecological plaque hypothesis
- 2) Discuss the role of GCF as a marker of periodontal disease. .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3 .Hypothesis governing drug induced gingival overgrowth
- 4.Periodontal complications due to orthodontic treatment
- 5.Mechanism of bone destruction
- 6.Prevalence of periodontitis
- 7.Th 1- Th 2- paradigm

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –JUNE 2017

SPECIALITY: PERIODONTOLOGY

PAPER III
(Clinical Periodontology and oral implantology)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Classify gingival enlargement and describe clinical features, histopathology and treatment of cyclosporine induced gingival enlargement .
2. Define biologic width. Discuss the clinical significance of the same and the surgical technique to correct the biological width with its indications and contraindications. .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Periodontitis versus per implantitis .
4. Bone morphogenic proteins
5. Role of supportive periodontal therapy
6. Autogenous bone graft
7. Discuss periodontal aspects of dental implants

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JUNE 2016

SPECIALITY: PERIODONTOLOGY

PAPER-IV

(ESSAY)

Time: 3 Hours

Max. Marks: 75

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

1. Role of periodontal disease preventive strategies on holistic health
OR
2. Host modulation in periodontal therapy with an emphasis on recent
advances.

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –APRIL 2015

SPECIALITY: PERIODONTOLOGY

PAPER I
(Basic Sciences)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Describe the structure and functions of periodontal ligament

- 2) Describe the mechanism of coagulation of blood

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7= 35

- 3.Pathways of pain
- 4.structure of virus
- 5.Pharmacokinetics of metronidazole
- 6.Porphyromonas Gingivalis
- 7.Syncope

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –JUNE 2016

SPECIALITY: PERIODONTOLOGY

PAPER II
(Etiopathogenesis)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Structure and formation of tooth associated biofilm
- 2) Influence of systemic diseases and disorders on periodontal disease

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3 .Trauma from occlusion
- 4.Role of genetic factors in the pathogenesis of periodontal diseases
- 5.Disucss various risk determinants for periodontal diseases
- 6.Neutrophils and periodontal disease
- 7.Drug induced Gingival over growth

DR. NTR UNIVERSITY OF HEALTH SCIENCES;; AP;;VIJAYAWADA-520 008
MDS DEGREE EXAMINATION –APRIL 2015

SPECIALITY: PERIODONTOLOGY

PAPER III
(Clinical Periodontology and oral implantology)

Time: 3 Hours

Marks 75

ANSWERS ALL QUESTIONS WITH LEGIBLE DIAGRAM

WRITE LONG ESSAY ON ONE OF THE FOLLOWING

2x20= 40

1. Critically discuss the rationale of periodontal therapy
2. Discuss the current concepts of periodontal regeneration . . .

WRITE SHORT ESSAY ON ONE OF THE FOLLOWING

5x7=35

3. Guided pocket recolonization .
4. Discuss implant stability
5. Antioxidants in Periodontics
6. Management of dentinal hypersensitivity
7. Management of Perimucositis

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JUNE 2016

SPECIALITY: PERIODONTOLOGY

PAPER-IV

(ESSAY)

Time: 3 Hours

Max. Marks: 75

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

1. Discuss Evidence Based Periodontal therapy
- OR**
2. Study designs used in periodontal research .

454-IA

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

...
MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – JUNE, 2015

SPECIALITY : PERIODONTOLOGY
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 briefly about inflammation and the role of various inflammatory mediators.
- 2) Describe briefly about junctional epithelium and its current concepts.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Cementum in health and disease
- 4) Metronidazole
- 5) Salivary antibodies and antimicrobial factors
- 6) Facultative anaerobes
- 7) Anti-plaque agents

MDS DEGREE EXAMINATION – APRIL , 2014

**SPECIALITY : PERIODONTOLOGY
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 biochemical markers used for the diagnosis of periodontal diseases.
- 2) Role of cementum in health and disease

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Agents used to control bleeding during surgery
- 4) Functions of Periodontal ligament
- 5) Disclosing agents
- 6) Temporo mandibular joint
- 7) Cytokines

- - -

**MDS DEGREE EXAMINATION – APRIL, 2014
SPECIALITY : PERIODONTOLOGY**

PAPER-III

(Etiopathogenesis)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1 Modalities of Periodontal treatment for medically compromised patient.**
- 2 Discuss the concept of supportive periodontal treatment**

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3 Tooth brushing methods and recommendations**
- 4 Modified widman flap**
- 5 Local drug delivery in Periodontal therapy**
- 6 Periodontal microsurgery**

Diagnosis and treatment of peri-implantitis

DR. NTR UNIVERSITY OF HEALTH SCIENCE CES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – APRIL 2014

SPECIALITY: PERIODONTOLOGY

PAPER-IV

(ESSAY)

Time: 3 Hours

Max. Marks: 75

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

1. Discuss merits and limitations of various non-surgical periodontal treatments

OR

2. Critically evaluate the concept of host modulation in periodontal therapy.

MDS DEGREE EXAMINATION – OCTOBER, 2014

SPECIALITY : PERIODONTOLOGY
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) Functions of Neutrophils and conditions of Neutrophil function deficiencies.
- 2) Structure, function and development of Alveolar bone

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Various types of Anemia
- 4) Muscles of Mastication
- 5) Doxycycline
- 6) Selective Cox 2 inhibitors
- 7) Blood and nerve supply to gingiva

- - -

MDS DEGREE EXAMINATION – APRIL , 2013

**SPECIALITY : PERIODONTOLOGY
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 structure and functions of T Cells in Adaptive Immune Response .
- 2) Discuss animal models used in Periodontal Research

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Development of Periodontium
- 4) Root surface changes in periodontal diseases
- 5) Hormonal influences on Periodontium
- 6) Biofilm
- 7) Anti plaque Agents

- - -

MDS DEGREE EXAMINATION – APRIL , 2013

**SPECIALITY : PERIODONTOLOGY
PAPER-II**

(Etiopathogenesis)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss periodontal medicine: An emerging branch of Periodontology that contributes to systemic health .
- 2) Discuss the etiology, consequences and management of trauma from occlusion

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Various indices used in epidemiological survey of gingival and periodontal disease
- 4) GCF markers in periodontal disease
- 5) Use of chairside diagnostic kits in periodontal diagnosis
- 6) Diagnosis of oral mal odour
- 7) Stress and periodontal disease

- - -

MDS DEGREE EXAMINATION – APRIL , 2013

**SPECIALITY : PERIODONTOLOGY
PAPER-III**

(Clinical periodontology and oral implantology)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Critical evaluate the current concepts of Pulpo periodontal lesions
- 2) Discuss the current concepts on “Root Bio modification

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Full mouth disinfection
- 4) Peri Implantitis
- 5) Risk indicators for periodontal diseases
- 6) Osseointegration of Dental implants and implant stability
- 7) Bruxism: causes and management

- - -

MDS DEGREE EXAMINATION – APRIL , 2013

**SPECIALITY : PERIODONTOLOGY
PAPER-IV**

(ESSAY)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON ONE OF THE FOLLOWING 2x20=40
WITH LEGIBLE DIAGRAMS

1) Discuss the viral etiology of periodontal diseases .

OR

**2) Discuss : Periodontal regenerative materials- A boon
to periodontal therapy.**

MDS DEGREE EXAMINATION – OCTOBER , 2012

**SPECIALITY : PERIODONTOLOGY
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 the structure and functions of Periodontium .
- 2) Describe the chemical mediators of inflammations

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Culture Media and Methods
- 4) Doxycycline
- 5) Vitamin D
- 6) Measures of Central Tendency
- 7) Shock

- - -

MDS DEGREE EXAMINATION – OCTOBER , 2012

**SPECIALITY : PERIODONTOLOGY
PAPER-II**

(Etiopathogenesis)

(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 defence mechanism of gingiva
- 2) Influence of systemic diseases and disorders on periodontal disease.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Role of calculus in periodontal disease
- 4) Palato gingival groove
- 5) Intrabony pocket
- 6) Wasting diseases of teeth
- 7) Tooth mobility

- - -

MDS DEGREE EXAMINATION – OCTOBER , 2012

**SPECIALITY : PERIODONTOLOGY
PAPER-III**

(Clinical periodontology and oral implantology)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Use of Antimicrobial in Periodontal Therapy .
- 2) Management of Medically compromised patients in periodontics

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Photodynamic Therapy in Periodontics
- 4) Ultrasonics in Periodontics
- 5) Various Plaque control methods
- 6) Limitations of Radiographs in Periodontal diagnosis
- 7) Interdental cleaning Aids

- - -

MDS DEGREE EXAMINATION – OCTOBER , 20132

**SPECIALITY : PERIODONTOLOGY
PAPER-IV**

(ESSAY)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

**WRITE LONG ESSAYS ON ONE OF THE FOLLOWING
WITH LEGIBLE DIAGRAMMS**

2x20=40

1) Periodontal Medicine .

OR

2) Advance diagnostics Aids in Periodontics

MDS DEGREE EXAMINATION –APRIL, 2012

**SPECIALITY : PERIODONTOLOGY
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 the morphology, cultural characteristics and pathogenic potential of porphyromonas gingivalis .
- 2) Describe the anatomical, histological and clinical aspects of cementum

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Polymorphonuclear leukocytes
- 4) Various methods of sampling
- 5) Adaptive immune response in periodontal disease
- 6) Immunosuppressive drugs and their effects on oral tissue
- 7) Age changes in periodontal tissues

- - -

MDS DEGREE EXAMINATION – APRIL , 2012

**SPECIALITY : PERIODONTOLOGY
PAPER-II**

(Etiopathogenesis)

(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 various models used to describe the pathogenesis of plaque associated periodontal diseases.
- 2) Discuss the aetiopathogenesis, clinical features and management of chronic desquamative gingivitis .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Obesity and periodontal disease
- 4) Putative periodontal pathogens
- 5) Stress and periodontal disease
- 6) Smoking as a risk factor for periodontal diseases
- 7) Causes and management of dentinal hypersensitivity

- - -

MDS DEGREE EXAMINATION – APRIL, 2011

**SPECIALITY : PERIODONTOLOGY
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 the facial spaces of periodontal interest .
- 2) Development and structure of junctional epithelium

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Structure of alveolar bone
- 4) immunoglobulins
- 5) Lidocaine
- 6) Non steroidal anti inflammatory Drugs
- 7) Tests of Significance

- - -

MDS DEGREE EXAMINATION – APRIL, 2011

**SPECIALITY : PERIODONTOLOGY
PAPER-II**

(Etiopathogenesis)

(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 microbial interaction with the host in periodontal diseases .
- 2) Describe the role of stress in the aetiology of periodontal disease

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Periodontitis is a risk factors for adverse pregnancy outcomes – Explain
- 4) Possible role of ascorbic acid deficiency in the pathogenesis of periodontal disease
- 5) Marginal tissue recession
- 6) Effect of smoking on pathogenesis of Periodontal disease
- 7) Aggressive periodontitis

- - -

MDS DEGREE EXAMINATION – APRIL, 2011

**SPECIALITY : PERIODONTOLOGY
PAPER-III**

(Clinical periodontology and oral implantology)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Critically discuss the current status of regenerative procedures in Periodontal therapy .
- 2) Modalities of periodontal treatment for medically

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Treatment of Acute gingival Diseases
- 4) Anti oxidants in periodontics
- 5) Lipoxins in periodontics
- 6) Determination of individual tooth prognosis
- 7) Automated periodontal probes

- - -

MDS DEGREE EXAMINATION – APRIL , 2011

**SPECIALITY : PERIODONTOLOGY
PAPER-IV**

(ESSAY)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON ONE OF THE FOLLOWING 2x20=40
WITH LEGIBLE DIAGRAMS

- 1) Discuss wound Healing following periodontal treatment procedures with emphasis on recent advances in our understanding to facilitate wound healing .

OR

- 2) Controversies in Periodontics

MDS DEGREE EXAMINATION – OCTOBER, 2011

**SPECIALITY : PERIODONTOLOGY
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 the development and structure of cementum .
- 2) General considerations of surgical Anatomy in relation to periodontics

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Original course and distribution of Maxillary artery
- 4) Fat soluble vitamins
- 5) Composition and functions of saliva
- 6) Liver function tests
- 7) Viral infections of oral cavity

- - -

MDS DEGREE EXAMINATION – OCTOBER , 2011

**SPECIALITY : PERIODONTOLOGY
PAPER-II**

(Etiopathogenesis)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Influence of Genetics factors in the pathogenesis of periodontal diseases .
- 2) Discuss the role of various aetiological and contributory factors of periodontal disease based on epidemiological investigations around the world

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Periodontal complications caused by orthodontics treatment
- 4) Gingival changes associated with Pregnancy
- 5) Periodontal abscess
- 6) Describe various biochemical markers used for diagnosis of periodontal disease
- 7) Iatrogenic factors in periodontal etiology

- - -

MDS DEGREE EXAMINATION – OCTOBER , 2011

**SPECIALITY : PERIODONTOLOGY
PAPER-III**

(Clinical periodontology and oral implantology)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss the current status of anti microbial in the treatment of periodontal disease. .
- 2) Periodontal plastic surgical procedures in the treatment of gingival recessions

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Semilunar flap
- 4) Occlusal evaluation in periodontal therapy
- 5) Risk Assessment for periodontal disease
- 6) Enamel Matrix Proteins
- 7) Supragingival and subgingival irrigation

- - -

MDS DEGREE EXAMINATION – OCTOBER , 2011

**SPECIALITY : PERIODONTOLOGY
PAPER-IV**

(ESSAY)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAYS ON ONE OF THE FOLLOWING 2x20=40
WITH LEGIBLE DIAGRAMMS

- 1) Critically evaluate the application of advanced diagnostic aids in Periodontics .

OR

- 2) Periodontal plastic surgery

454-IA-MDS DEG. INTERNAL ASSESSMENT EXAMINATION – JUNE, 2014
PERIODONTOLOGY-PAPER-I-(Basic Sciences)-(New Reg)-Time 3 Hrs-Max.Mrks: 75

Answer All Questions With Legible Diagrams

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

- 1..Describe in detail the surgical anatomy of periodontium and related structures.
- 2..Define repair. Describe the process of healing of a surgical wound.

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

- 3..Facultative anaerobes of oral cavity.
- 4..Antimicrobial combinations and their clinical utility.
5. Hormonal regulation of blood calcium.
- 6..Pre-anaesthetic medication
- 7..Cohort study

454-MDS DEG. EXAMINATION – APRIL, 2014-PERIODONTOLOGY-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..Describe various biochemical markers used for the diagnosis of Periodontal diseases.
- 2..Role of cementum in health and disease

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

- 3..Agents used to control bleeding during surgery
- 4..Functions of Periodontal ligament
- 5..Disclosing agents
- 6..Temporo mandibular joint
- 7..Cytokines

454-MDS DEG. EXAMINATION-OCT., 2013-PERIODONTOLOGY-PAPER-I

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

- 1..Microorganism in the etiology of gingival and periodontal disease
- 2..Gingival pigmentation

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

- 3..Interleukins 4. Vitamin D 5. Role of saliva in periodontal disease
6. Hypersensitivity response
7. Role of bone morphogenic proteins (BMP) in Periodontics

454-MDS DEG. EXAMINATION – APRIL, 2013-PERIODONTOLOGY-PAPER-I

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

- 1..Discuss in detail structure and functions of T Cells in Adaptive Immune Response.
- 2..Discuss animal models used in Periodontal Research.

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

3. Development of Periodontium.
4. Root surface changes in Periodontal diseases
5. Hormonal Influences on Periodontium
6. Biofilm
7. Anti plaque Agents.

454-MDS DEG. EXAM. – OCTOBER, 2012-PERIODONTOLOGY-PAPER-I

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

- 1..Describe the structure and functions of Periodontium.
- 2..Describe the chemical mediators of inflammation.

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

- 3.Culture Media and Methods. 4.Doxycycline 5.Vitamin D 6.Measures of Central Tendency
7..Shock.

454-MDS DEG. EXAMINATION – APRIL, 2012-PERIODONTOLOGY-PAPER-I

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

- 1..Discuss in detail the morphology, cultural characteristics and pathogenic potential of
Porphyromonas gingivalis.

- 2..Describe the anatomical, histological and clinical aspects of cementum.

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

- 3..Polymorphonuclear leukocytes. 4..Various methods of sampling
5..Adaptive immune response in periodontal disease.
6..Immunosuppressive drugs and their effects on oral tissue. 7..Age changes in periodontal tissues.

454-MDS DEG. EXAM – OCTOBER, 2011-PERIODONTOLOGY-PAPER-I

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

- 1..Describe the development and structure of cementum.
2..General considerations of Surgical Anatomy in relation to periodontics.

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

- 3..Origin, course and distribution of Maxillary artery. 4..Fat soluble vitamins
5..Composition and functions of saliva. 6..Liver function tests.
7..Viral infections of oral cavity.

454-MDS DEG. EXAMINATION – APRIL, 2011-PERIODONTOLOGY-PAPER-I

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

- 1..Describe the facial spaces of periodontal interest.
2..Development and structure of Junctional Epithelium.

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

- 3..Structure of alveolar bone. 4..Immunoglobulins. 5..Lidocaine.
6..Non Steroidal anti Inflammatory Drugs. 7..Tests of significance.

454-NR-M.D.S. DEG. EXAM – MAY, 2008-PART-I-PERIODONTICS-PAPER-I

- 1..Enumerate cranial nerves. Describe the course and distribution of Maxillary Nerve.
2..Define Inflammation and discuss the mechanisms involved in it.
3..Describe the structure and functions of periodontal ligament.
4..Discuss the composition and functions of Gingival Crevicular Fluid (G.C.F.)
5..Discuss the pharmacological agents which affect bone resorption.
6..Discuss the applied aspects of various facial spaces.
7..Discuss the biological properties of Immunoglobulins.
8..Describe the structure and clinical significance of Gingival 'Col'.
9..Discuss the physiology of Pain.
10. Describe in brief the functional anatomy of temporo-mandibular joint. (T.M.J).

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M.D.S. DEGREE EXAMINATION – NOVEMBER, 2007

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PART-I**

PERIODONTICS

PAPER-I: APPLIED BASIC MEDICAL SUBJECTS

Time: 3 Hours

Max. Marks : 100

**NOTE : ANSWER ALL QUESTIONS
EACH QUESTION CARRY 10 MARKS
DRAW DIAGRAMS WHEREVER NECESSARY**

1. Discuss the role of "Non Steroidal Anti-Inflammatory Drugs" in the treatment of periodontal diseases.
2. Describe the nerve and blood supply of mandible.
3. Enumerate 'Clotting Factors". Describe the 'Clotting Mechanism" in detail.
4. Discuss the role of mast cells in the inflammatory process.
5. Describe the structural and metabolic characteristics of different areas of gingival epithelium.
6. Discuss the importance of Computers in Periodontal Research.
7. Describe the anatomical, histological and clinical aspects of Cementum.
8. Describe the role of minerals and trace elements on periodontal health.
9. Describe the clinical relevance of using the Chemically Modified Tetracyclines (C.M.Ts.)
10. Describe the effects of ageing on the periodontal tissues.

454-NR-M.D.S. DEG. EXAM – APRIL, 2007-PART-I-PERIODONTICS-PAPER-I

Applied Basic Medical Subjects-Time: 3 Hours-Max. Marks : 100

- 1..Describe the origin, course and distribution of Maxillary Artery.
- 2..Describe the anatomical and histological features of Tongue.
- 3..Describe the anatomical and histological features and clinical significance of Deuto-Epithelial Attachment.
- 4..Describe the development of periodontium.
- 5..Describe the Oxygen consumption of gingiva.
- 6..Describe various Bone morphogenic Proteins (B.M.P.) and their role in periodontics.
- 7..Define and classify 'Blood Pressure'. Describe the technique of its measurement and its clinical significance for a Periodontist.
- 8..Describe the role of Vitamin-C in health and disease.
9. Describe the role of corticosteroids in the treatment of various Oro-dental diseases.
- 10.Describe various biochemical markers used for the diagnosis of periodontal diseases.

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Q.P. CODE:455

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

SPECIALITY: PERIODONTOLOGY

PAPER-II

(Etiopathogenesis)
(*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 etiopathogenesis of aggressive periodontitis.
- 2) Discuss the Patho biological inter-relationships between coronary artery diseases and periodontal diseases.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Periodontal regeneration
- 4) Pathogenesis of gingival bleeding
- 5) Pro-inflammatory cytokines
- 6) Genetic polymorphisms in periodontal diseases
- 7) Cysts of the periodontium

Q.P. CODE:455

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

SPECIALITY : PERIODONTOLOGY

PAPER-II

(Etiopathogenesis)
(*New Regulations*)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) “Periodontal Pockets are healing lesions”
- 2) Describe the role of stress in the aetiology of Periodontal Disease

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Tobacco and Periodontal Disease
- 4) Iatrogenic factors in Periodontal aetiology
- 5) Evasion of Host Response by Bacteria
- 6) GCF in Health and Disease
- 7) Various indices used in epidemiological survey of Gingival and Periodontal disease

Q.P. CODE:455

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

SPECIALITY : PERIODONTOLOGY

PAPER-II

(Etiopathogenesis)
(*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 effect of orthodontic therapy on periodontium.
- 2) Describe the role of enzymes of the dental plaque in the initiation and spread of periodontal disease.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Explain the role of Aggregatibacter
Actinomycetemcomitans in aggressive periodontitis
- 4) Influences of diabetes mellitus on periodontal tissues
- 5) Discuss cementum in disease
- 6) Pathogenesis of gingival bleeding
- 7) Plaque hypothesis

455 IA

MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – DECEMBER, 2014

SPECIALITY : PERIODONTOLOGY

PAPER-II
(Etiopathogenesis)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss the pathogenesis and histopathology of periodontal pocket.
- 2) Discuss the microbial aspects of microbial host interactions.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Gingival diseases of fungal origin.
- 4) Angular bone defects.
- 5) Discuss the effect of smoking on periodontal health.
- 6) Nutritional influences in etiology of periodontal disease.
- 7) Occlusion and periodontal disease.

MDS DEGREE EXAMINATION – OCTOBER, 2014**SPECIALITY : PERIODONTOLOGY****PAPER-II
(Etiopathogenesis)
(New Regulations)****Time : 3 Hours****Max. Marks : 75****ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS**

WRITE LONG ESSAYS ON THE FOLLOWING:**2x20=40**

- 1) Merits and limitations of current classification of Periodontal disease
- 2) Iatrogenic and other local factors in the etiopathogenesis of Periodontal disease

WRITE SHORT ESSAYS ON THE FOLLOWING:**5x7=35**

- 3) Connective tissue alterations in Periodontitis
- 4) Diabetes Mellitus and Periodontal disease
- 5) Periodontal manifestations in Acquired Immuno Deficiency Syndrome
- 6) Toll like receptors
- 7) 'Periodontitis' is a risk factor for cardiovascular disease' - Explain

- - -

455-MDS DEG. EXAMINATION-APRIL, 2014-PERIODONTOLOGY-PAPER-II

(Etiopathogenesis)-(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..Immune responses in Periodontal disease

2..Defense mechanisms of Gingiva

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

3..Periodontal disease index

4..Stress and Periodontal disease

5..Periodontal manifestations of Leukemia

6..Specific and Non-specific plaque hypothesis

7..Causes and management of Dentinal hypersensitivity

455 IA-MDS DEG. EXAMINATION – JANUARY, 2014-PERIODONTOLOGY

PAPER-II-(Etiopathogenesis)-Time : 3 Hours-Max. Marks : 75-Answer All Questions

With Legible Diagrams

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

1..Discuss the current concept of Porphyromonas gingivalis (Pg) as an etiological factor in periodontal disease and elaborate on the various models related to Pg

2..Write in detail about innate immune defense mechanisms present in oral cavity in the defense against periodontal disease

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

3..Periodontal microsurgery

4..Smoking and periodontium

5..Volatile sulphur compounds

6..Collagenolysis

7..Gene Polymorphism

455-MDS DEG. EXAMINATION-OCT., 2013-PERIODONTOLOGY-PAPER-II

(Etiopathogenesis)-(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..Classify Gingival Enlargement. Write a brief note on enlargement associated with systemic disease.

2..Role of Genetics in periodontal disease.

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

3. MMP's

4. Aging and the periodontium

5. Define EBDM. Explain various levels of clinical evidence.

6. Development of attachment apparatus. Explain.

7. Transendothelial migration.

455-MDS DEG. EXAMINATION – APRIL, 2013-PERIODONTOLOGY-PAPER-II

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

1..Discuss Periodontal Medicine : An emerging branch of Periodontology that contributes to systemic health.

2. Discuss the etiology, consequences and management of trauma from occlusion.

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

3. Various indices used in epidemiological survey of gingival and periodontal disease

4. GCF markers in periodontal disease progression

5. Use of chairside diagnostic kits in periodontal diagnosis.

6. Diagnosis of oral mal odour

7. Stress and periodontal disease

455-MDS DEG. EXAMINATION – OCT., 2012-PERIODONTOLOGY-PAPER-II

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

- 1..Describe the defence mechanism of gingiva.
- 2..Influence of systemic diseases and disorders on periodontal disease.

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

- 3.Role of calculus in periodontal disease.
- 4.Palato gingival groove
- 5.Intrabony pocket
- 6.Wasting diseases of teeth
- 7..Tooth mobility

455-MDS DEG. EXAMINATION – APRIL, 2012-PERIODONTOLOGY-PAPER-II

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

- 1..Discuss the various models used to describe the pathogenesis of plaque associated periodontal diseases.
- 2..Discuss the aetiopathogenesis, clinical features and management of chronic desquamative gingivitis.

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

- 3..Obesity and periodontal disease.
- 4..Putative periodontal pathogens.
- 5..Stress and periodontal disease.
- 6..Smoking as a risk factor for periodontal disease.
- 7..Causes and management of dentinal hypersensitivity.

455-MDS DEG. EXAM – OCTOBER, 2011-PERIODONTOLOGY-PAPER-II

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

- 1..Influence of Genetic factors in the pathogenesis of Periodontal diseases.
- 2..Discuss the role of various aetiological and contributory factors of periodontal disease based on epidemiological investigations around the world.

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

- 3..Periodontal complications caused by Orthodontic treatment.
- 4..Gingival changes associated with Pregnancy.
- 5..Periodontal abscess.
- 6..Describe various biochemical markers used for diagnosis of periodontal disease.
7. Iatrogenic factors in periodontal etiology.

455-MDS DEG. EXAMINATION – APRIL, 2011-PERIODONTOLOGY-PAPER-II

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

- 1..Discuss the microbial interaction with the host in Periodontal diseases.
- 2..Describe the role of stress in the aetiology of periodontal disease.

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

- 3..‘Periodontitis is a risk factor for adverse pregnancy outcomes’ – Explain.
- 4..Possible role of ascorbic acid deficiency in the pathogenesis of Periodontal disease.
- 5..Marginal tissue recession.
- 6..Effect of smoking on pathogenesis of Periodontal disease.
- 7..Aggressive periodontitis.

455-M.D.S. DEG. EXAM OCTOBER, 2010-PART-II-PERIODONTICS-PAPER-II

- 1..Discuss the current thinking about the etiopathogenesis of drug induced gingival overgrowths (DIGO)=25m
- 2..Discuss the merits and demerits of important classification systems for periodontal diseases and conditions=25m
- 3.Discuss the role of cytokines and growth factors on periodontal health and disease=25m
- 4..Discuss the role of occlusion in periodontal health and disease=25m

455-M.D.S. DEG. EXAM – APRIL, 2010-PART-II-PERIODONTICS-PAPER-II

- 1..Discuss in detail the Host-Microbial interaction in periodontal disease?=25m
- 2..Define malodor? What are the various gadgets used to detect malodor and describe in brief the management?=25m
- 3..Dental cementum – a possible regeneration – Discuss=25m
4. Discuss the role of imaging techniques in the diagnosis of periodontal disease=25m

455-M.D.S. DEG. EXAM-OCTOBER, 2009-PART-II-PERIODONTICS-PAPER-II

- 1..Discuss the etiopathogenesis, diagnosis and management of “Gingival bleeding”=40m
- 2..Describe the role of occlusion in the etiology of periodontal diseases. Add a note on the iatrogenic etiology contributing to it=30m
3. Discuss the prevalence of periodontal diseases in India=30m

455-M.D.S. DEG. EXAM – APRIL, 2009-PART-II-PERIODONTICS-PAPER-II

- 1..Discuss the role of genetic factors in the pathogenesis of periodontal diseases=40m
- 2..Discuss the pros and cons of various epidemiological studies of periodontal diseases, conducted in India=30m
- 3..Discuss the current concepts and various other factors related to the aetiopathogenesis of drug induced gingival overgrowths (DIGO)=30m

455-M.D.S. DEG. EXAM – MAY, 2008-PART-II-PERIODONTICS-PAPER-II

- 1..Discuss the role of occlusion in periodontal health and disease.
- 2..Discuss various risk factors, risk determinants & risk indicators for periodontal disease
- 3..Discuss various chair-side commercial diagnostics kits to help in periodontal diagnosis

455-MDS DEG.EXAM-NOVEMBER-2007-PART-II-PAPER-II=PERIODONTICS

- 1..Discuss the role of stress and stress related factors in the aetiopathogenesis of periodontal diseases
- 2..Discuss the possible causes of high incidence of periodontal diseases in India and their management.
3. Discuss the aetiopathogenesis, clinical features and management of Chronic Desquamative Gingivitis.

455-MDS DEG.EXAMS-NOVEMBER-2006-PART-II-PAPER-II-PERIODONTICS

- 1..Discuss the various theories for calculus formation.
- 2..Discuss the merits and demerits of indices used for assessment of oral hygiene status and periodontal status.
- 3..Describe the role of alkaline phosphatase in periodontal health and disease.

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

SPECIALITY: PERIODONTOLOGY

PAPER-III
(Clinical Periodontology and Oral Implantology)
(*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 pathology and management of periodontal problems in patients with HIV infection.
- 2) Periodontal therapy in the female patient.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Herbal therapeutics
- 4) Preprosthetic surgery
- 5) Macro design of implants
- 6) Role of antibiotics in Periodontitis
- 7) Implant related complications

Q.P. CODE:456

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

SPECIALITY : PERIODONTOLOGY

PAPER-III
(Clinical Periodontology and Oral Implantology)
(*New Regulations*)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Recent concepts of Furcation management
- 2) Critical factors in Planning for implant Placement in Maxilla

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Lasers in Periodontology
- 4) Controversies about PRP
- 5) Root Biomodification – Pros & Cons
- 6) Regaining Attached Gingiva
- 7) Healing After Periodontal Therapy.

Q.P. CODE:456

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

SPECIALITY : PERIODONTOLOGY

PAPER-III
(Clinical Periodontology and Oral Implantology)
(*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 current concepts of Osseo integration.
- 2) Periodontal considerations and treatment for medically compromised patients.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Antioxidants in Periodontics
- 4) Bioresorbable membranes
- 5) Maintenance schedule for the implant patients
- 6) DNA probe
- 7) Crown lengthening procedures

456-IA

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MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – JUNE, 2015

SPECIALITY : PERIODONTOLOGY

PAPER-III
(Clinical Periodontology and Oral Implantology)
(*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 current status of Sustained release drug delivery systems in the treatment of periodontal disease.
- 2) Discuss the treatment modalities employed for eliminative changes in the tooth surface wall of a periodontal pocket.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Various treatment modalities of furcation involvement
- 4) Various suturing materials and suturing techniques employed in periodontal surgery
- 5) Supportive periodontal therapy
- 6) Various designs of implants
- 7) 3rd generation of periodontal therapy

MDS DEGREE EXAMINATION – OCTOBER, 2014**SPECIALITY : PERIODONTOLOGY****PAPER-III**

(Clinical Periodontology and Oral Implantology)
(New Regulations)

Time : 3 Hours**Max. Marks : 75****ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS**

WRITE LONG ESSAYS ON THE FOLLOWING:**2x20=40**

- 1) Diagnosis and management of furcation involvement.
- 2) Critically evaluate the current concepts of pulpoperiodontal lesions.

WRITE SHORT ESSAYS ON THE FOLLOWING:**5x7=35**

- 3) Full Mouth disinfection.
- 4) Power driven scaling instruments.
- 5) Patient selection for Dental implant therapy.
- 6) Lasers in periodontal treatment.
- 7) Role of Biologic Width in preserving healthy gingival tissues.

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**456-IA-MDS DEG. INTERNAL ASSESSMENT EXAMINATION – JUNE, 2014-
PERIODONTOLOGY-PAPER-III-(Clinical Periodontology and Oral Implantology)**

(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 the current status of sustained release drug delivery systems in the treatment of periodontal disease.

2..Describe briefly about endo-perio lesions.

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

3..Ultrasonics in periodontal therapy.

4..Ionic tooth brushes.

5..Current concepts in root bio-modification.

6..Risk assessment for periodontal disease.

7..Periodontal management of HIV infected patients.

456-MDS DEG. EXAMINATION-APRIL, 2014-PERIODONTOLOGY=PAPER-III

(Clinical Periodontology & Oral Implantology)-(New Regu.)-Time:3 Hrs-Max. Mrks : 75
WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=40m

1..Modalities of Periodontal treatment for medically compromised patients.

2..Discuss the concept of supportive periodontal treatment

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

3..Toothbrushing methods and recommendations

4..Modified Widman flap

5..Local drug delivery in Periodontal therapy

6..Periodontal microsurgery

7..Diagnosis and treatment of peri-implantitis

**456-MDS DEGREE EXAMINATION – OCTOBER, 2013-PERIODONTOLOGY-
PAPER-III-(Clinical Periodontology and Oral Implantology)-(New Regulations)-Time :**

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

1..Current status of regenerative procedures in Periodontal therapy

2. Interdisciplinary Periodontics – Explain in brief.

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

3. Automated Periodontal probes

4. Suturing techniques – Explain in brief

5. Hemostatic Agents

6. Host modulation agents

7. NUP : Necrotizing Ulcerative Periodontitis.

456-MDS DEG. EXAMINATION-APRIL, 2013-PERIODONTOLOGY-PAPER-III

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

1..Critically evaluate the current concepts of Pulpo Periodontal lesions.

2. Discuss the current concepts on “Root Bio-modification”

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

3. Full mouth disinfection

4. Peri-implantitis

5. Risk indicators for periodontal diseases

6. Osseointegration of Dental Implants and Implant stability

7. Bruxism : Causes and management.

456-MDS DEG. EXAM-OCTOBER, 2012-PERIODONTOLOGY-PAPER-III

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

1..Use of Antimicrobial in Periodontal Therapy

2..Management of Medically compromised patients in Periodontics.

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

3..Photodynamic Therapy in Periodontics

4..Ultrasonics in Periodontics

5.Various Plaque control methods

6.Limitations of Radiographs in Periodontal diagnosis

7..Interdental cleaning Aids

456-MDS DEG. EXAMINATION-APRIL, 2012-PERIODONTOLOGY-PAPER-III

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

- 1..Discuss in detail about the etiology, diagnosis and management of Halitosis.
- 2..Critically evaluate various aspects of supportive periodontal therapy.

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

- 3..Trauma from occlusion.
- 4..Preprosthetic periodontal surgery.
- 5..Peri implant complications.
- 6..Pulpo-periodontal problems and management.
- 7..Local drug delivery in periodontal therapy.

456-MDS DEG. EXAM – OCTOBER, 2011-PERIODONTOLOGY-PAPER-III

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

- 1..Discuss the current status of anti microbial in the treatment of periodontal disease.
- 2..Periodontal plastic surgical procedures in the treatment of gingival recessions.

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

- 3..Semilunar flap.
- 4..Occlusal evaluation in periodontal therapy.
- 5..Risk Assessment for periodontal disease.
- 6..Enamel Matrix Proteins.
- 7..Supragingival and Subgingival irrigation

456-MDS DEG. EXAMINATION-APRIL, 2011-PERIODONTOLOGY-PAPER-III

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

- 1..Critically discuss the current status of regenerative procedures in periodontal therapy.
- 2..Modalities of periodontal treatment for medically compromised patients.

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

- 3..Treatment of Acute Gingival Diseases.
- 4..Anti oxidants in periodontics.
- 5..Lipoxins in periodontics.
- 6..Determination of individual tooth prognosis.
- 7..Automated periodontal probes.

456-M.D.S. DEG. EXAM-OCT., 2010-PART-II-PERIODONTICS-PAPER-III

- 1..Define 'Guided Tissue Regeneration' Discuss the role of guided tissue regeneration (G.T.R.) in the treatment of periodontal osseous defects.=25m
- 2..Discuss the rational of using the antibiotics in periodontics=25m
- 3..Discuss the etiopathogenesis, clinical features, diagnosis and treatment of peri-implantitis=25m
- 4..Critically evaluate the current concepts of pulpo periodontal lesions=25m

456-M.D.S. DEG. EXAM –APRIL, 2010-PART-II-PERIODONTICS-PAPER-III

- 1..Discuss the role of osseous grafts in periodontal regeneration=25m
- 2..Discuss lasers in periodontal therapy=25m
3. Name different classifications of Furcation defects? Describe the management of a Class-II Mandibular Furcation defect=25m
- 4..What are the various procedures available for root coverage? Describe in detail the step by step procedure of a pouch and tunnel technique=25m

456-M.D.S. DEG. EXAM-OCT., 2009-PART-II-PERIODONTICS-PAPER-III

- 1..Discuss the management of mucogingival problems=40m
- 2..Discuss the role of chlorhexidine in periodontal therapy=30m
- 3..Critically evaluate the various aspects of supportive periodontal therapy=30m

456-M.D.S. DEG. EXAM – APRIL, 2009-PART-II-PERIODONTICS-PAPER-III

- 1..Critically evaluate the various treatment procedures in the management of Endo-perio lesions
- 2..Discuss the role of different antibiotics used in the treatment of different forms of Periodontitis=30m
- 3..Discuss the current concepts of periodontal Regeneration=30m

456-M.D.S. DEGREE EXAM – MAY, 2008-PART-II-PERIODONTICS-PAPER-III

- 1..Discuss the current concepts on “Root bio-modification”.
- 2..Discuss the scope and limitations of Periodontal Microsurgery in clinical practice.
- 3..Discuss the role of a Toothbrush in Preventive Periodontics.

456-MDS DEG.EXAM-NOVEMBER-2007-PART-II-PERIODONTICS-PAPER-III

- 1..Critically evaluate the various surgical procedures to increase the width of attached Gingival.
- 2..Discuss various non-surgical procedures used in the treatment of chronic periodontitis
- 3..Critically evaluate the various aspects of supportive periodontal therapy

456-MDS Deg. EXAM-NOVEMBER-2006-PART-II-PERIODONTICS-PAPER-III

- 1..Discuss the role of metranidazole in periodontal therapy
- 2..Discuss the rationale behind the failures in periodontal therapy
- 3..Discuss the inter-relationship between orthodontic treatment in periodontal health

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

SPECIALITY: PERIODONTOLOGY

PAPER-IV

(ESSAY)

(New Regulations)

Time: 3 Hours

Max. Marks: 75

WRITE LONG ESSAY ON ONE OF THE FOLLOWING WITH
LEGIBLE DIAGRAMS

- 1) Discuss chemical plaque control.

OR

- 2) Discuss Periodontal regenerative concepts and techniques

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Q.P. CODE:457

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

SPECIALITY : PERIODONTOLOGY

PAPER-IV

(ESSAY)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

WRITE LONG ESSAY ON ONE OF THE FOLLOWING WITH
LEGIBLE DIAGRAMS

- 1) Current Trends in the Management of Inter-Dental Papilla.

OR

- 2) Tissue Engineering

Q.P. CODE:457

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

SPECIALITY : PERIODONTOLOGY

PAPER-IV

(ESSAY)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

WRITE LONG ESSAY ON ONE OF THE FOLLOWING WITH
LEGIBLE DIAGRAMS

1) LASERS in periodontal therapy.

OR

2) Diagnostic aids in Periodontics.

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457 IA-MDS DEG. INTERNAL ASSESSMENT EXAMINATION – DEC., 2014
PERIODONTOLOGY-PAPER-IV-ESSAY)-(New Regul.)-Time:3 Hrs-Max.Mrks: 75
WRITE LONG ESSAY ON ONE OF THE FOLLOWING WITH LEGIBLE DIAGRAMS
1..Role of endocrines in periodontal health and disease.

OR

2..Minimal invasive periodontal therapy.

457-MDS DEG. EXAMINATION-OCT., 2014-PERIODONTOLOGY-PAPER-IV
(ESSAY)-New Regulations)-Time : 3 Hours-Max. Marks : 75
WRITE LONG ESSAY ON ONE OF THE FOLLOWING WITH LEGIBLE DIAGRAMS

1..Discuss the role of microorganisms and host bacterial interactions in the etiopathogenesis of Periodontal diseases.

OR

2..Discuss the role of Antibiotics in treatment of Periodontal diseases.

457-MDS DEG. EXAMINATION-APRIL, 2014-PERIODONTOLOGY-PAPER-IV
(ESSAY)-(New Regulations)=Time : 3 Hours-Max. Marks : 75

Write Long Essay On One Of The Following With Legible Diagrams

1..Discuss the merits and limitations of various non-surgical periodontal treatments “OR”

2..Critically evaluate the concept of host modulation in Periodontal therapy

457 IA-MDS DEG. EXAMINATION-JANUARY, 2014-Periodontology-PAPER-IV

Write Long Essay On One Of The Following With Legible Diagrams

2..Cytokine and interleukin in periodontal health and disease. “OR”

2..Discuss the recent advances in Periodontics.

457-MDS DEGREE EXAMINATION – OCTOBER, 2013-PERIODONTOLOGY

1..Growth factor in Periodontal Regeneration “OR”

2. Supportive Periodontal Therapy

457-MDS Deg. EXAMINATION – APRIL, 2013-PERIODONTOLOGY-PAPER-IV

1..Discuss the viral etiology of periodontal diseases “OR”

2..Discuss : Periodontal Regenerative materials – A boon to periodontal therapy.

457-MDS DEGREE EXAM – OCTOBER, 2012-PERIODONTOLOGY-PAPER-IV

1..Periodontal Medicine “OR” 2..Advance diagnostic Aids in Periodontics.

457-MDS DEG. EXAMINATION-APRIL, 2012-PERIODONTOLOGY-PAPER-IV

1..Discuss the basic principles of tissue engineering and its potential applications in periodontal regeneration. “OR”

2..Describe the role of lasers in periodontal therapy.

457-MDS DEGREE EXAM – OCTOBER, 2011-PERIODONTOLOGY-PAPER-IV

1..Critically evaluate the application of advanced diagnostic aids in Periodontics. “OR”

2..Periodontal plastic surgery.

457-MDS DEGREE EXAM – APRIL, 2011-PERIODONTOLOGY-PAPER-IV

1..Discuss Wound Healing following periodontal treatment procedures with emphasis on recent advances in our understanding to facilitate wound healing. “OR”

2..Controversies in periodontics.

457-M.D.S. DEG. EXAM-OCTOBER, 2010-PART-II-PERIODONTICS-PAPER-IV

1. Surgical versus Non surgical therapy: Discuss. “OR”

2. Discuss “Evidence Based Periodontal Therapy (EBPT)”

457-M.D.S. DEG. EXAM –APRIL, 2010-PART-II-PERIODONTICS-PAPER-IV

1. Growth factors in periodontal regeneration. "OR"

2..Wound healing following periodontal therapy with emphasis on current concepts.

457-M.D.S. DEG. EXAM-OCTOBER, 2009-PART-II-PERIODONTICS-PAPER-IV

1. Periodontal management of medically compromised patient "OR" 2. Plaque control

457-M.D.S. DEG. EXAM – APRIL, 2009-PART-II-PERIODONTICS-PAPER-IV

1.Recent advances in Periodontal diagnosis "OR" 2.Tissue engineering in periodontal therapy

457-M.D.S. DEGREE EXAM – MAY, 2008-PART-II-PERIODONTICS-PAPER-IV

1..Role of Periodontist in Implantology. "OR" 2. Periodontal Regeneration.

457-MDS Degree Examination-NOVEMBER-2007-PART-II-PAPER-IV

1..Periodontal Medicine "OR" 2. Ultrasonics and Sonics in Periodontics

457-MDS Degree Examination-NOVEMBER-2006-PART-II-PAPER-IV

1..Guided Tissue reneration "OR" 2. Cementum in health and disease
