

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part (I) – EXAMINATION – SEPT – DEC 2023

Specialization: Periodontology

Date: 29/09/2023

Subject Code: 2DS2020101

Subject Name: Paper – I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following questions

- | | | |
|------|---|----|
| Q.1 | Explain Microscopic structure of Gingiva | 10 |
| Q.2 | Describe various modes of sterilization of periodontal instruments | 10 |
| Q.3 | Discuss the biochemical importance of fat-soluble vitamins | 10 |
| Q.4 | Describe the mechanism of clotting of blood. Enumerate various clotting and bleeding disorders | 10 |
| Q.5 | Tests of Significance | 10 |
| Q.6 | Discuss the role of Non-steroidal anti-inflammatory drugs in the management of periodontal diseases | 10 |
| Q.7 | Temporo-mandibular joint (TMJ) | 10 |
| Q.8 | Laboratory tests for Diabetes Mellitus | 10 |
| Q.9 | Discuss the role of Neutrophils in periodontal health and disease | 10 |
| Q.10 | Antioxidants | 10 |

Seat No.:

PRN

Narsinhbhai Patel Dental college & Hospital, Visnagar
M.D.S. – Part-I – EXAMINATION – 2023

Specialization: Periodontology**Date: 12/08/2023****Subject Code: 1DS2020201****Subject Name: Paper-I Basic Science****Time: 3 Hrs.****Total Marks: 100****Instructions:**

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Questions

- | | | |
|------|---|----|
| Q.1 | Classify Local Anesthetics and discuss anesthetic techniques for mandibular posterior teeth | 10 |
| Q.2 | Discuss sampling techniques in research methodology | 10 |
| Q.3 | Define Index. Discuss indices used for Periodontal disease | 10 |
| Q.4 | Discuss anatomy of maxillary sinus and its applied aspect in detail | 10 |
| Q.5 | Justify: Neutrophils are cells of first line of defense | 10 |
| Q.6 | Discuss osseointegration and methods to assess osseointegration in detail | 10 |
| Q.7 | Discuss hierarchy of evidence with diagram | 10 |
| Q.8 | Discuss Dentogingival unit in detail. | 10 |
| Q.9 | Discuss EFP-2017 classification of Gingival and Periodontal diseases and conditions | 10 |
| Q.10 | Classify antibiotics and discuss role of Tetracyclines in Periodontics | 10 |

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. -1sr Year, Part (I) – EXAMINATION, July-September 2022

Specialization: Periodontology

Date:13/09 /2022

Subject Code: 2DS2020101

Subject Name: Paper - I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following questions

- | | |
|--|-----------|
| Q.1 Write a note on Temporomandibular Joint. | 10 |
| Q.2 Discuss the role of saliva as a biomarker for periodontal disease. | 10 |
| Q.3 Define pain. Explain pain pathways and trace the pain pathways for periodontium. | 10 |
| Q.4 Discuss the biochemical importance of fat-soluble vitamins. | 10 |
| Q.5 Describe erythropoiesis and factors affecting erythropoiesis. | 10 |
| Q.6 Discuss the role of NSAIDS in the management of periodontal disease. | 10 |
| Q.7 Write a note on dentinal hypersensitivity. | 10 |
| Q.8 Describe in detail about wound healing and specify the periodontal wound healing. | 10 |
| Q.9 Discuss blood supply and lymphatic drainage of periodontium. | 10 |
| Q.10 Write a note on Cohort Study. | 10 |

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. 3rd Year (Part-II) Paper I- EXAMINATION – MAY – JULY 2023

Specialization: Periodontology

Date: 26/06/2023

Subject Code: 2DS2020201

Subject Name: Paper I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Write an essay on following:

2x25=50

- Q-1. Discuss the current thinking on "Viral Etiology of periodontal diseases"
- Q-2. Discuss the recent advances in periodontal diagnosis

Write short note on following:

5X10=50

- Q-1. DIGO
- Q-2. Neutrophils and its role in periodontics
- Q-3. Indications of Dental Implants
- Q-4. Genetics and its role in periodontics
- Q-5. Role of tobacco in periodontal diseases

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. 3rd Year (Part-II) Paper II- EXAMINATION – MAY – JULY 2023

Specialization: Periodontology
Subject Code: 2DS2020202
Subject Name: Paper II
Time: 3 Hrs.

Date: 28/06/2023

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Write an essay on following:

2x25=50

- Q-1. Discuss the Biological principles of Guided Periodontal Tissue Regeneration
- Q-2. Advances in Periodontal plastic surgery

Write short note on following:

5X10=50

- Q-1. Alloplastic Bone Graft substitute
- Q-2. PPF and its modifications
- Q-3. Periodontal microsurgery
- Q-4. Current status and treatment of hypersensitivity
- Q-5. Hyperbaric Oxygen Therapy

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. 3rd Year (Part-II) Paper III- EXAMINATION – MAY – JULY 2023

Specialization: Periodontology

Date: 30/06/2023

Subject Code: 2DS2020203

Subject Name: Paper III

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Write an essay on any TWO of the following:

2x50=100

Q-1. Controversies in Periodontics

Q-2. Non- Surgical Periodontal therapy

Q-3. Tissue Engineering in Periodontology

Seat No.:

PRN

Narsinhbhai Patel Dental college & Hospital, Visnagar
M.D.S. – Part-II – EXAMINATION – 2023

Specialization: Periodontology

Date: 27/03/2023

Subject Code: 2DS2020201

Subject Name: Paper-I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Discuss the influence of diabetes mellitus on periodontal health & disease 25
- Q.2 Justify: Oral malodor is one of the pathognomic sign of periodontal disease. 25

Answer following Short Questions

- Q.3 Dentinal Hypersensitivity 10
- Q.4 IL- 1 β polymorphism 10
- Q.5 Smoking and periodontium 10
- Q.6 Current concept of etiopathogenesis of periodontitis 10
- Q.7 MMP's 10

Seat No.:

PRN

Narsinhbhai Patel Dental college & Hospital, Visnagar
M.D.S. – Part-II – EXAMINATION – 2023

Specialization: Periodontology

Date: 28/03/2023

Subject Code: 2DS20202

Subject Name: Paper-II

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- | | | |
|-----|---|----|
| Q.1 | Define periodontal plastic surgery. Discuss techniques to increase width of attached gingiva | 25 |
| Q.2 | Enumerate various advanced diagnostic aids for periodontal diseases
Discuss advanced radiographic diagnostic aids in detail. | 25 |

Answer following Short Questions

- | | | |
|-----|---|----|
| Q.3 | Ailing vs Failing vs Failed implants | 10 |
| Q.4 | Pocket maintenance vs pocket elimination | 10 |
| Q.5 | GBR | 10 |
| Q.6 | MIST | 10 |
| Q.7 | Discuss Management of Glickman's Grade II furcation involvement | 10 |

Seat No.:

PRN

Narsinhbhai Patel Dental college & Hospital, Visnagar
M.D.S. – Part-II – EXAMINATION – 2023

Specialization: Periodontology

Date: 29/03/2023

Subject Code: 2DS2020203

Subject Name: Paper-III

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Essay Questions (Any Two out of Three)

100 Marks

- | | | |
|-----|--|----|
| Q.1 | Recent treatment modalities in denuded roots | 50 |
| Q.2 | Bone morphogenetic proteins and osseointegration.
Current concepts and future possibilities | 50 |
| Q.3 | Current research in diagnostic methods assessing
periodontal destruction | 50 |

DEPARTMENT OF PERIODONTOLOGY

NARSINHBHAI PATEL DENTAL COLLEGE AND HOSPITAL

SANKALCHAND PATEL UNIVERSITY

MOCK EXAMINATION

MDS-PART I

PAPER-I- APPLIED BASIC SCIENCE

Time: 3 Hrs.

Date: 02/08 /2022

Total Marks: 100

Instructions:

- 1. Attempt all questions**
- 2. Draw diagrams and flowcharts wherever necessary.**
- 3. Figures to the right indicate full marks**

Answer following questions

- Q.1 Define Evidence based dentistry and discuss hierarchy of evidence-based practice in brief.
Discuss importance of randomized controlled trials in Periodontology. 10**
- Q.2 Classify local anesthetic agents and discuss mechanism of LA in detail. 10**
- Q.3 Discuss coagulation cascade and briefly discuss lab investigations for diagnosis of
hematological disorders. 10**
- Q.4 Justify: " Neutrophils are the first line of defence" in periodontal healing. 10**
- Q.5 Discuss sterilization and infection control protocols for periodontal procedures. 10**
- Q.6 Discuss morphological and histological events of gingival keratinization process. 10**
- Q.7 Discuss "Osseointegration" in detail. 10**
- Q.8 Discuss applied anatomy of maxillary sinus. 10**
- Q.9 Discuss objectives, format and guidelines of "Prescription writing". 10**
- Q.10 Discuss the classification of periodontal diseases as proposed by EFP in 2017. 10**

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part-II – EXAMINATION – JULY - SEPT 2022

Specialization: Periodontology
Subject Code: 2DS2020203
Subject Name: Paper III
Time: 3 Hrs.

Date: 07/07/2022

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Essay Questions (Any Two out of Three)

100 Marks

- | | |
|--|----|
| Q.1 Evidence based periodontal therapy. | 50 |
| Q.2 Discuss the Recent advances in the inter-disciplinary approaches and relationships in periodontitis. | 50 |
| Q.3 Treatment protocols in peri implantitis. | 50 |

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part-II – EXAMINATION – JULY - SEPT 2022

Specialization: Periodontology

Date: 05/07/2022

Subject Code: 2DS2020202

Subject Name: Paper II

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Discuss Ridge augmentation for vertical alveolar ridge defects. 25
- Q.2 Discuss in detail about platform switch implants – indication, contraindication and future modifications. 25

Answer following Short Questions

- Q.3 Low light LASER therapy. 10
- Q.4 Prevention of peri-implantitis 10
- Q.5 Biology of wound healing. 10
- Q.6 Periodontal dressing. 10
- Q.7 Supportive periodontal treatment. 10

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY.
M.D.S. - Part-II - EXAMINATION - JULY - SEPT 2022.

Specialization: Periodontology

Date:02/07/2022

Subject Code: 2DS2020201

Subject Name: Paper I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- | | |
|--|----|
| Q.1 Explain in detail the role of host response in the pathogenesis of periodontal disease | 25 |
| Q.2 Mechanisms of Bone loss in periodontal disease | 25 |

Answer following Short Questions

- | | |
|---|----|
| Q.3 Viruses in periodontal disease | 10 |
| Q.4 Cohort and Double blind studies. Discuss them by giving suitable plan of methodology for a scientific study in the prevention of periodontal disease. | 10 |
| Q.5 Preterm low birth weight. | 10 |
| Q.6 Role of genetics in periodontics | 10 |
| Q.7 Sub antimicrobial dose of doxycycline | 10 |

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. -1st Year, Part (I) – EXAMINATION, July-September 2021

Specialization: Periodontology

Date: 29/6 / 2021

Subject Code: 2DS2020101

Subject Name: Paper - I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following questions

- | | |
|---|----|
| Q.1 Describe clotting cascade. | 10 |
| Q.2 Null hypothesis | 10 |
| Q.3 Discuss importance of width of attached gingiva with evidence. | 10 |
| Q.4 Describe COVID-19 protocols of Sterilization and disinfection. | 10 |
| Q.5 NSAIDs | 10 |
| Q.6 "Periodontal cells – Source of periodontal regeneration." Give your critical views to justify this statement. | 10 |
| Q.7 Note on: Role of Vitamin D in periodontal health and disease. | 10 |
| Q.8 Surgical Anatomy of Maxillary Sinus | 10 |
| Q.9 Discuss latest classification of periodontal diseases. | 10 |
| Q.10 Functions of Saliva | 10 |

SPU-24886

SPU-24886

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year Part-II – EXAMINATION, July - September 2021

Specialization: Periodontology

Date: 2/7/ 2021

Subject Code: 2DS2020203

Subject Name: Paper-III

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt any TWO questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Essay Questions (Any Two out of Three)

100 Marks

- | | |
|--|-----------|
| Q.1 Technological advances in implantology. | 50 |
| Q.2 Recent advances in concepts and techniques of supportive periodontal therapy. | 50 |
| Q.3 Controversies in periodontology. | 50 |

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year Part-II – EXAMINATION, July - September 2021

Specialization: Periodontology

Date: 28/6/ 2021

Subject Code: 2DS2020201

Subject Name: Paper- I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Describe structure and function of biofilm with current concept. **25**
- Q.2 Discuss the pathobiological interrelationships between diabetes, coronary artery disease and periodontal diseases. **25**

Answer following Short Questions

- Q.3 Causes and mechanism of bone destruction. **10**
- Q.4 Evidence based decision making. **10**
- Q.5 Acute phase proteins. **10**
- Q.6 Functions of saliva. **10**
- Q.7 Biological concepts of periodontal regeneration. **10**

SPU-17990

SPU-17990

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year Part-II – EXAMINATION, July - September 2021

Specialization: Periodontology

Date: 30/6/ 2021

Subject Code: 2DS2020202

Subject Name: Paper- II

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1** Discuss the application of tissue engineering in periodontology. **25**
- Q.2** Define and classify gingival recession. Discuss in detail about the treatment of gingival recession. **25**

Answer following Short Questions

- Q.3** Management of furcation defect. **10**
- Q.4** Subepithelial connective tissue graft. **10**
- Q.5** Application of Metronidazole in periodontics. **10**
- Q.6** Crown lengthening procedures. **10**
- Q.7** Photodynamic therapy. **10**

SANKALCHAND PATEL UNIVERSITY
M.D.S - 3rd year – EXAMINATION APRIL 2021

Specialization : Periodontology

Subject name : Paper II

Time : 3 hours

Total Marks :100

Instruction:

- 1. Attempt all question.**
- 2. Make suitable flowcharts wherever necessary.**
- 3. Figures to the right indicate full marks.**

Answer following long questions:

(25 × 2=50)

Q.1 Define periodontal plastic surgery. Discuss techniques to increase width of attached gingiva.

Q.2 Enumerate various advanced diagnostic aids for periodontal diseases. Discuss advanced radiographic diagnostic aids in detail.

Answer following short Questions :

(10 × 5 = 50)

Q.3 Ailing vs Failing vs Failed implants

Q.4 Pocket maintenance vs pocket elimination

Q.5 GBR

Q.6 MIST

Q.7 Discuss Management of Glickman's grade II furcation involvement.

SANKALCHAND PATEL UNIVERSITY
M.D.S - 3rd year – EXAMINATION APRIL 2021

Specialization : Periodontology

Subject name :Paper III

Time : 3 hours

Total Marks :100

Instruction:

- 1. Attempt all question.**
- 2. Make suitable flowcharts wherever necessary.**
- 3. Figures to the right indicate full marks.**

Answer following long essays: (Any two)

(50 ×2)

Q.1 Recent advances in surgical techniques in periodontology.

Q.2 COVID-19 Pandemic and its impact on overall health and gingival health

Q.3 Tissue engineering.

**SANKALCHAND PATEL UNIVERSITY
NARSINHBHAI PATEL DENTAL COLLEGE AND HOSPITAL**

M.D.S – 1st year – MOCK EXAMINATION (3rd MAY, 2021)

Specialization: **Periodontology**

Time: 3 hours

Subject name: **Paper 1**

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following long questions :

(10× 10)

Q.1 Null Hypothesis

Q.2 Prostaglandins

Q.3 Applied anatomy of maxillary sinus

Q.4 Importance of width of attached gingival

Q.5 Define following :

- A) Osseointegration
- B) Osseodencification
- C) Osseoindextion
- D) Ossetioconduction
- E) Ossteopramotion

Q.6 Discuss link between periodontal diseases and pre term low birth weight babies (PTLBW)

Q.7 Discuss the latest classification of periodontal diseases.

Q.8 Transseptal fibers- clinical significance

Q.9 Discuss sterilization methods for periodontal diagnostic and surgical instruments

Q.10 Stippling

SANKALCHAND PATEL UNIVERSITY
NARSINHBHAI PATEL DENTAL COLLEGE AND HOSPITAL

M.D.S - 3rd year – MOCK EXAMINATION APRIL 2021

Specialization: Periodontology

Subject name: Paper I

Time: 3 hours

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following long questions

(25 × 2)

1. Explain progression models and theories of periodontal disease in detail.
2. Describe in detail about pathogenesis of Drug Induced Gingival Enlargement.

Answer following short notes

(5×10)

1. Gingipains
2. Genetic syndromes associated with periodontal disease
3. Radius of action
4. Nod-like receptors
5. Etiopathophysiology of furcation

Seat No.-----

PR No.-----

SANKALCHAND PATEL UNIVERSITY

MDS-1ST Year Part-1 - EXAMINATION- JUNE-JULY 2019

Specialization: Periodontology

Date: 10/06/2019

Subject code: 2DS2020101

Subject name: Applied Basic Sciences, Paper-I

Time: 3HRS

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flow charts wherever necessary.
3. Figures to the right indicate full marks.

Answer following questions

- | | |
|--|----|
| Q.1 Muscles of mastication | 10 |
| Q.2 Classify antiplaque agents. Discuss chlorhexidine in detail. | 10 |
| Q.3 Role of vitamin C in periodontal health and disease | 10 |
| Q.4 Write short note on development of periodontium. | 10 |
| Q.5 Disclosing agents | 10 |
| Q.6 Immunoglobulins | 10 |
| Q.7 Attached gingiva | 10 |
| Q.8 Methods of presentation of data | 10 |
| Q.9 Chemical mediators of inflammation | 10 |
| Q.10 Bone remodeling | 10 |

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part (1) – EXAMINATION, JULY-AUGUST-2020

Specialization: Periodontology
Subject Code: 2DS2020101
Subject Name: Applied Basic Sciences
Time: 3hr

Date: 25/08/ 2020

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

- | | | |
|------|---|----|
| Q.1 | Alveolar bone is in a constant state of flux. – Discuss. | 10 |
| Q.2 | Give brief details of dento-gingival attachment apparatus. | 10 |
| Q.3 | Enumerate twelve cranial nerves and discuss in brief about 5 th cranial nerve. | 10 |
| Q.4 | Justify: Tetracycline is a broad spectrum antibiotic. | 10 |
| Q.5 | Transseptal fibres in health and Disease | 10 |
| Q.6 | Null Hypothesis | 10 |
| Q.7 | Justify: Neutrophils are FIRST line of defense. | 10 |
| Q.8 | Explain in detail about physiology of pain. | 10 |
| Q.9 | Anatomy of maxillary sinus | 10 |
| Q.10 | Role of vitamins in periodontics | 10 |

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION – JULY-AUGUST- 2020

Specialization: Periodontology

Date: 17/08/ 2020

Subject Code: 1DS2020101

Subject Name: Paper- I-Applied Basic Sciences

Time: 3HRS

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1** Discuss in detail about “Evidence based Periodontology”. **20**
- Q.2** Define pain. Explain the pain pathway and trace the pain pathway for periodontitis. **20**

Answer following Short Questions

- Q.3** Role of inflammatory mediators in wound healing. **7**
- Q.4** Classify local anesthetic agents and describe their mechanism of action **7**
- Q.5** Discuss the microscopic features of peri-implant mucosa. **7**
- Q.6** Write about Mandibular nerve. **7**
- Q.7** Write briefly about salivary biomarkers. **7**

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. - 3rd Year - EXAMINATION - JULY-AUGUST-2020

Specialization: Periodontology

Date: 19/08/2020

Subject Code: IDS2020102

Subject Name: Paper II- Etiopathogenesis

Time: 3hr

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1** Critically appraise the role of genetics in progression of Periodontal disease. **20**
- Q.2** Discuss about keystone periodontal pathogens. **20**

Answer following Short Questions

- Q.3** Discuss the two way interrelationship between female sex hormones and periodontal disease. **7**
- Q.4** Discuss about the effect of occlusal overload in progression of periodontal disease. **7**
- Q.5** Adipokines **7**
- Q.6** Toll-like receptors **7**
- Q.7** Surface modifications and their effect on survival of implants **7**

SPU-69140

SPU-69140

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION – JULY-AUGUST- 2020

Specialization: Periodontology

Date: 21 /08/ 2020

Subject Code: IDS2020103

Subject Name: Paper III- Clinical Periodontology and Oral Implantology

Time: 3HR

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1** Discuss the current concepts in Host modulation therapy. **20**
- Q.2** Discuss the rationale, principle, evolution and current concepts **20**
about the use of membranes in treatment of periodontal defects

Answer following Short Questions

- Q.3** Factors effecting prognosis of furcation defects. **7**
- Q.4** Discuss about “minimally invasive surgery” **7**
- Q.5** Advances in molecular biology diagnostic techniques in **7**
Periodontology
- Q.6** “Repositioned flaps” for treatment of denuded roots. **7**
- Q.7** Methods of evaluation of stability of implants **7**

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION – JULY-AUGUST- 2020

Specialization: Periodontology
Subject Code: 1DS2020104
Subject Name: Paper IV-Essay
Time: 3hr

Date: 24/08/2020

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Essay Questions (One out of Two)

75 Marks

- Q.1** Application of tissue engineering principles in Periodontology
- Q.2** Discuss the recent advances in interdisciplinary approaches and relationship in Periodontology

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION JUNE-JULY 2019

Specialization: Periodontology
Subject Code: 1DS2020101
Subject Name: Applied Basic Sciences, Paper- I

Date: 01/06/ 2019

Time: 3 hours
Instructions:

Total Marks: 75

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

Q.1 Discuss the role of 'non-steroidal anti inflammatory drugs' **20**
in the management of periodontal disease.

Q.2 Describe in detail about wound healing and specify **20**
periodontal wound healing in detail.

Answer following Short Questions

- Q.3** Growth factors **7**
- Q.4** Cohort study **7**
- Q.5** Mandibular nerve **7**
- Q.6** Bone remodelling **7**
- Q.7** Oxygen consumption of gingiva **7**

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION JUNE-JULY 2019

Specialization: Periodontology
Subject Code: 1DS2020102
Subject Name: Paper- II

Date: 03/06/ 2019

Time: 3 hours
Instructions:

Total Marks: 75

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Discuss in detail about microbiologic aspects of host- microbial interactions. 20
- Q.2 Classify gingival enlargement. Discuss in detail about pathogenesis of drug induced gingival enlargement. 20

Answer following Short Questions

- Q.3 Epigenetic mechanisms in periodontal disease 7
- Q.4 Parafunctional habits 7
- Q.5 Ecological plaque hypothesis 7
- Q.6 Periodontal disease activity 7
- Q.7 Pattern recognition receptors 7

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION JUNE-JULY 2019

Specialization: Periodontology
Subject Code: 1DS2020103
Subject Name: Paper- III

Date: 06/06/ 2019

Time: 3 hours
Instructions:

Total Marks: 75

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1** Discuss the scope and limitations of 'Periodontal Microsurgery'. **20**
- Q.2** Discuss immediate implants. **20**

Answer following Short Questions

- Q.3** Photodynamic therapy **7**
- Q.4** Automated periodontal probes **7**
- Q.5** Levels of clinical significance **7**
- Q.6** Scope of periodontal vaccine **7**
- Q.7** Allografts **7**

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. - 3rd Year - EXAMINATION JUNE-JULY 2019

Specialization: Periodontology
Subject Code: 1DS2020104
Subject Name: Paper- IV ESSAY

Date: 08/06/ 2019

Time: 3 hours

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Essay Questions (Any One out of Two)

75

Q.1 Controversies in Periodontics

Q.2 Describe the recent advances in diagnostic aids used in periodontics.



KU-3052

Seat No. _____

M. D. S. Examination

June / July - 2017

Periodontology : Paper - I

(Applied Anatomy, Physiology, Pathology & Pharmacology)

Time : 3 Hours]

[Total Marks : 75

Instructions :

1. Your answers should be specific to the questions asked.
2. Draw neat labelled diagrams wherever necessary.
3. Answer all questions.

Long Essays : **2×20=40**

- 1 Enumerate the factors of coagulation of blood. Discuss the process of blood coagulation in detail.
- 2 Gingival crevicular fluid - its role in health and disease. Discuss in detail.

Short Essays : **5×7=35**

- 3 Routes of drug administration.
- 4 Periodontal indices.
- 5 Immunoglobulins.
- 6 Microbial tests in periodontal diagnosis.
- 7 Cytokines.

Time: Three Hours

**KU-3061**

Seat No. _____

M. D. S. Examination

June / July - 2017

Paper - II : Periodontology*(Etiology, Pathogenesis & Epidemiology of Periodontal Diseases)*

[Total Marks : 75]

Time : 3 Hours]

Instructions :

1. Your answers should be specific to the questions asked.
2. Draw neat labelled diagrams wherever necessary.
3. Answer all the questions.

2×20=40**Long Essay :**

- 1 Discuss the role of A.a and P.gingivalis in the etiology of periodontal disease.
- 2 Discuss the effect of periodontal disease on systemic health.

5×7=35**Short Essay :**

- 1 Matrix metalloproteinases
- 2 Lipoxins
- 3 Reactive oxygen species
- 4 NUG
- 5 Role of pro-inflammatory mediators in periodontal disease.



KU-3070

Seat No. _____

M. D. S. Examination

June / July - 2017

**Periodontology : Paper - III
(Periodontal Diagnosis, Therapy &
Oral Implantology)**

Time : 3 Hours]

[Total Marks : 75

Instructions :

- (1) Your answers should be specific to the questions asked.
- (2) Draw neat, labelled diagrams whenever necessary.
- (3) Answer all questions.

1 Long Essays : 2×20=40

- (1) Write in detail about the advanced immuno-diagnostic methods used for the estimation of periodontal disease activity.
- (2) Define regeneration. Discuss non-graft associated regenerative procedures.

2 Short Essays : 5×7=35

- (1) Root Bio-modification
- (2) Management of Grade II furcation defects
- (3) Causes of failure of periodontal therapy
- (4) Periodontitis Vs. Peri-implantitis
- (5) Classification of Endo-Perio lesions.



HDE-2311 Seat No. _____

M. D. S. Degree Examination

April / May - 2015

Paper II : Periodontology

**Etiology, Pathogenesis & Epidemiology of
Periodontal diseases**

Time : 3 Hours]

[Total Marks : 75

Instructions :

- (i) Your answers should be specific to the questions asked
- (ii) Draw neat, labeled diagram wherever necessary.
Answer all questions

LONG ESSAYS

2×20=40

- 1 Periodontal microbiology
- 2 Discuss in detail about gingival enlargement

SHORT ESSAYS

5×7=35

- 3 Discuss the scoring system, uses, and limitations of various plaque and gingival indices used for population studies..
- 4 Discuss genetic factors associated with periodontal disease.

- 5 Discuss the various risk factors, risk determinants and risk indicators for periodontal disease.
 - 6 Discuss the various psychosomatic factors influencing periodontal disease
 - 7 Nutritional influence in etiology of periodontal disease
-



HDE-2317 Seat No. _____

M. D. S. Degree Examination

April / May - 2015

PERIODONTOLOGY

**PAPER III - Diagnosis in periodontics,
therapy and oral implantology**

Time : 3 Hours]

[Total Marks : 75

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

Attempt all questions

LONG ESSAYS

2×20=40

- 1 Define periodontal flap. Write the indications for flap surgery. Describe the surgical technique of modified Widman flap surgery.
- 2 Role of local drug delivery in the management of periodontal diseases.

SHORT ESSAY

5×7=35

- 3 Management of acute gingival lesions.
- 4 Etiology and treatment periodontal abscess.
- 5 Define osseointegration. Add a note on peri-implantitis.
- 5 Root bio-modification
- 7 Define resective osseous surgery. Write in detail about the methods of resective osseous surgery.



HDE-2323

Seat No. _____

M. D. S. Degree Examination

April / May - 2015

Periodontology

**Essay (With Emphasis on
Recent Advances in Periodontics)**

Paper IV

Time : 3 Hours]

[Total Marks : 75

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessar.

Answer all questions.

Long essay : (Answer any one)

1×75=75

1 Recent advances of periodontal therpy and
periodontal surgery

OR

2 New Diagnostic Aids in periodontology.



PG-1272

Seat No. _____

M. D. S. Examination

April / May - 2016

Peridontology : Paper - I

(Applied Anatomy, Physiology, Pathology & Pharmacology)

Time : 3 Hours]

[Total Marks : 75

- Instructions :**
- (1) Answers should be specific to the questions asked.
 - (2) Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS : 2×20=40

- 1 Enumerate the factors of coagulation of blood. Discuss the process of blood coagulation in detail.
- 2 Saliva- its role in health and disease. Discuss in detail.

SHORT ESSAYS 5×7=35

- 1 Routes of drug administration.
- 2 Periodontal indices.
- 3 Immunoglobulins.
- 4 Microbial tests in periodontal diagnosis.
- 5 Halitosis.



HDE-2305

Seat No. _____

M. D. S. Degree Examination
April / May - 2015

Periodontology
Applied Anatomy, Physiology, Pathology
and Pharmacology - Paper I

[Total Marks : 75]

Time : 3 Hours]

- Instruction** : (1) Your answers should be specific to the questions asked.
(2) Draw neat, labelled diagrams wherever necessary. Answer all questions.

LONG ESSAYS

2×20 = 40

- 1 Describe about inflammation and immunity.
- 2 Discuss the role of biochemical components and Vitamins on the maintenance of periodontium

SHORT ESSAYS

5×7=35

- 3 Bleeding Disorders with its oral manifestation and management
- 4 Describe the role of saliva in periodontal health and disease
- 5 Wound Healing
- 6 NSAID drugs
- 7 Describe various methods of collection of data in biostatistics



PG-1290

Seat No. _____

M. D. S. Examination

April / May - 2016

Periodontology : Paper III

(Periodontal Diagnosis, Therapy & Oral Implantology)

Time : 3 Hours]

[Total Marks : 75

- Instructions :** (1) Your answers should be specific to the questions asked.
(2) Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS

2×20=40

- 1 Describe the role of bone grafts in periodontal regeneration.
- 2 Describe the process of osseointegration and the reasons for its failure.

SHORT ESSAYS

5×7=35

- 1 Periodontal probes
- 2 Role of salivary biomarkers in periodontal disease
- 3 Free gingival graft
- 4 Lasers in periodontics
- 5 Local drug delivery



PG-1299

Seat No. _____

M. D. S. Examination

April / May - 2016

Peridontology : Paper - IV

(Emphasis of recent Advances in Peridontics)

Time : 3 Hours]

[Total Marks : 75

- Instructions :**
- (1) Your answer should be specific to the questions asked.
 - (2) Draw neat labelled diagrams wherever necessary.
 - (3) Answer all questions.

Long Essays : (answer any one)

75

1 Non-surgical peridontal therapy.

OR

2 Describe the recent advances in diagnostic aids used in peridontics.



MB-14111

Seat No. _____

M. D. S. Examination

June / July - 2018

Periodontology : Paper - II

(Etiology, Pathogenesis &

Epidemiology of Periodontal Diseases)

Time : 3 Hours]

[Total Marks : 75

Instructions :

- (1) Your answers should be specific to the questions asked.
- (2) Draw neat and labelled diagrams whenever necessary.
- (3) Answer all questions.

Long Essays :

2×20=40

- (1) Classify Gingival Enlargement. Describe in detail, the etiopathogenesis of drug induced gingival enlargement.
- (2) Discuss the role of TFO in initiation and progression of periodontal diseases.

Short Essays :

5×7=35

- (1) Smoking and periodontium
- (2) Soft tissue wall of periodontal pocket
- (3) Virulence factors of *Aggregatibacter actinomycetemcomitans*
- (4) Discuss risk factors for periodontal diseases
- (5) Matrix metalloproteinases.



M-14102

Seat No. _____

M. D. S. Examination

June / July - 2018

Periodontology : Paper - I

*(Applied Anatomy, Physiology,
Pathology & Pharmacology)*

Time : 3 Hours]

[Total Marks : 75

Instructions :

- (1) Your answers should be specific to the questions asked.
- (2) Draw neat and labelled diagrams whenever necessary.
- (3) Answer all questions.

Long essays :

2×20=40

- (1) Discuss keratinization in periodontal health and disease.
- (2) Justify : Alveolar bone is in a constant state of flux.

Short essays :

5×7=35

- (1) Null hypothesis
- (2) Importance of Vitamin C in maintenance of gingival health
- (3) Attached gingiva
- (4) Merits and demerits of Local Anesthesia over General Anesthesia
- (5) Maxillary Sinus.



ME-14129 Seat No. _____

M. D. S. Examination

June / July - 2018

Periodontology : Paper - IV

(Essay : With Emphasis on Recent Advances in Periodontics)

Time : 3 Hours]

[Total Marks : 75

- Instructions :**
- (1) Your answers should be specific to the questions asked.
 - (2) Draw neat and labelled diagrams wherever necessary.
 - (3) Answer all questions.

Long Essay : (Answer any **one**)

1×75=75

- 1 Discuss the role of lasers in periodontal therapy.
 - 2 Evidence based periodontal therapy.
-

Time: Three Hours



MD-14120

Seat No. _____

M. D. S. Examination
June / July - 2018

Periodontology : Paper - III

(Periodontal Diagnosis, Therapy & Oral Implantology)

Time : 3 Hours]

[Total Marks : 75

- Instructions :
- (1) Your answers should be specific to the questions asked.
 - (2) Draw neat and labelled diagrams wherever necessary.
 - (3) Answer all questions.

Long Essays :

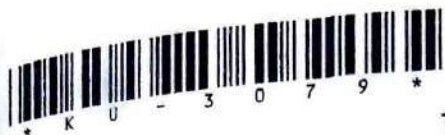
2×20=40

- 1 Discuss the role of barrier membranes in periodontal regeneration.
- 2 Describe the process of osseointegration and the reasons for its failure.

Short Essays :

5×7=35

- 1 Periodontal probes
- 2 Role of salivary biomarkers in periodontal disease
- 3 Free gingival graft
- 4 Microsurgery in periodontics
- 5 Local drug delivery.



KU-3079

Seat No. _____

M. D. S. Examination

June / July - 2017

Periodontology : Paper - IV

*(Essay) (With Emphasis on Recent
Advances in Periodontology)*

Time : 3 Hours]

[Total Marks : 75

Instructions :

- (1) Your answers should be specific to the questions asked.
- (2) Draw neat, labelled diagrams whenever necessary.

Long Essay (Answer any one) :

1×75=75

1 Implants in aesthetic zone.

OR

1 LASERS in periodontics.



Time: Three Hours

MDS Degree Mock Examination- March-2020

Max. Marks:100 Marks

Periodontology
Applied Anatomy, Physiology, Pathology and Pharmacology

Paper I

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS

10x10=100 Marks

1. Discuss the role of 'non-steroidal anti inflammatory drugs' in the management of periodontal disease.
2. Describe in detail about wound healing and specify periodontal wound healing in detail.
3. Describe erythropoiesis and factors affecting erythropoiesis .
4. Discuss in detail about use of local anaesthetic agents in Periodontics
5. Bone remodeling in periodontium
6. Add a note on cohort study
7. Classify leukocytes and discuss role of neutrophils in health and disease
8. Mandibular nerve
9. Discuss in brief development of periodontal ligament along with its functions in detail
10. Facultative anaerobes of oral cavity

Time: Three Hours

MDS Degree Mock Examination- March- 2020

Max. Marks: 75 Marks

Periodontology
Applied Anatomy, Physiology, Pathology and Pharmacology

Paper I

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS

2x20=40 Marks

1. Discuss the role of saliva as a biomarker for periodontal disease.
2. Discuss cementum in health and disease.

SHORT ESSAYS

5x7=35 Marks

1. Physiology of pain
2. Rationalize the importance of width of attached gingiva
3. Pharmacological agents affecting bone resorption
4. Fat soluble vitamins
5. Tests of Significance

MDS Degree Mock Examination- March- 2020

Time: Three Hours

Max. Marks: 75 Marks

Periodontology

Etiology, Pathogenesis & Epidemiology of Periodontal diseases

Paper II

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS

2x20=40 Marks

- 1 Discuss the current concepts of host response in periodontal disease.
- 2 Discuss current concepts in the pathogenesis of drug induced gingival enlargement.

SHORT ESSAYS

5x7=35 Marks

- 1 Role of AGE in interaction between periodontal disease and diabetes mellitus
- 2 Effect of smoking on Periodontium
- 3 Nutritional influences in etiology of periodontal disease
- 4 Histopathology of infrabony pocket
- 5 Tooth mobility

MDS Degree Mock Examination- March 2020

Time: Three Hours

Max. Marks: 75 Marks

Periodontology

Periodontal diagnosis, therapy & Oral implantology

Paper III

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS

2x20=40 Marks

1. Discuss recent developments in Reconstructive Periodontal therapy.
2. Classify Endo-Perio lesions. Write in detail about treatment considerations of these lesions.

SHORT ESSAYS

5x7=35 Marks

1. Zuchelli's technique for root coverage
2. Diamond Probe
3. Peri Implantitis
4. Newer local drug delivery systems
5. Merits and Demerits of Ultrasonics in periodontal therapy

MDS Degree Mock Examination- March 2020

Time: Three Hours

Max. Marks: 75 Marks

Periodontology

Essay (with emphasis on recent advances in periodontics)

Paper IV

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS (Answer any one)

1. Lasers in Periodontal Therapy
2. Imaging modalities for implant and current trends

MDS Degree Examination- April- 2019

Time: Three Hours

Max. Marks:100 Marks

Periodontology

Applied Anatomy, Physiology, Pathology and Pharmacology

1st year - Part I - Paper I

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

Short Essays

(10x10=100 Marks)

1. Define Coupling. Discuss factors affecting bone remodeling.
2. Enumerate GCF biomarkers and discuss them in detail.
3. Discuss antioxidants in detail.
4. Discuss structural and functional aspects of junctional epithelium.
5. Discuss functions of periodontal ligament in detail.
6. Define and classify hemostatic agents.
7. Define and classify local anaesthetic agents. Discuss local complications of LA.
8. Write a note on 'Gingival Enzymes'.
9. Discuss 5th Cranial nerve in detail.
10. Define wound healing. Discuss factors affecting wound healing.

MDS Degree Examination- April- 2019

Max. Marks:75 Marks

Time: Three Hours

Periodontology

Applied Anatomy, Physiology, Pathology and Pharmacology

Paper I

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS

2x20=40 Marks

1. Enumerate the factors of coagulation of blood and discuss blood coagulation in detail.
2. Describe micro and macrostructure of gingiva in detail.

SHORT ESSAYS

5x07=35 Marks

1. Necrosis and Apoptosis
2. Case control study
3. Bundle bone
4. Neutrophil defects
5. Dentinal hypersensitivity

MDS Degree Examination- April 2019

Time: Three Hours

Max. Marks:75 Marks

Periodontology

Etiology, Pathogenesis & Epidemiology of Periodontal diseases

Paper II

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS

2x20=40 Marks

- 1 State analytically host-bacterial interactions in periodontal disease.
- 2 Systemic neutrophil abnormalities associated with aggressive periodontitis.

SHORT ESSAYS

5x07=35 Marks

- 1 Periodontal implications in pregnancy
- 2 Keystone hypothesis
- 3 Histopathogenesis of furcation involvement
- 4 Periodontal disease activity
- 5 Psychosomatic factors in periodontal disease

MDS Degree Examination- April 2019

Time: Three Hours

Max. Marks:75 Marks

Periodontology

Periodontal diagnosis, therapy & Oral implantology

Paper III

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS

2x20=40 Marks

1. Discuss role of local drug delivery in periodontal therapy.
2. Compare and Contrast Periodontitis versus Peri-implantitis.

SHORT ESSAYS

5x07=35 Marks

1. Advances in Radiographic Aids
2. Cytokines
3. Oral irrigation
4. Periodontal Vaccines
5. Periodontal microsurgery

MDS Degree Examination- April 2019

Time: Three Hours

Max. Marks:75 Marks

Periodontology

Essay (with emphasis on recent advances in periodontics)

Paper IV

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS (Answer any one)

1x75=75 Marks

1. Non-surgical periodontal therapy

2. Discuss old and new classification systems. Review pros and cons of both systems with evidence.

MDS Degree Examination- April- 2018

Time: Three Hours

Max. Marks: 75 Marks

Periodontology
Applied Anatomy, Physiology, Pathology and Pharmacology

Paper I

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS

2x20=40 Marks

1. Discuss the development and structure of junctional epithelium.
2. Describe the mechanisms of coagulation of blood.

SHORT ESSAYS

5x7=35 Marks

1. Physiology of pain
2. Mast cells
3. Chemically modified tetracyclines
4. Fat soluble vitamins

~~5. Gland~~
5. Classification of Cementum

MDS Degree Examination- April 2018

Time: Three Hours

Max. Marks:75 Marks

Periodontology

Etiology, Pathogenesis & Epidemiology of Periodontal diseases

Paper II

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS

2x20=40 Marks

1. Influence of Genetic factors in the pathogenesis of periodontal disease.
2. Discuss the current concepts related to etiopathogenesis of Drug Induced Gingival Overgrowth(DIGO).

SHORT ESSAYS

5x07=35 Marks

1. Th1-Th2 Paradigm
2. Polymerase chain reaction
3. Cohort and Case Control Studies
4. Oral Malodor
5. Putative Periodontal Pathogens

MDS Degree Examination- April 2018

Time: Three Hours

Max. Marks: 75 Marks

Periodontology

Periodontal diagnosis, therapy & Oral implantology

Paper III

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS

2x20=40 Marks

1. Critically analyze the statement "Guided tissue regeneration with barrier membranes is not a total solution for periodontal reconstitution".
2. Describe in detail the causes of failure of osseointegration of dental implants.

SHORT ESSAYS

5x7=35 Marks

1. Antioxidants
2. Growth factors
3. Nanotechnology in periodontics
4. Current concepts in root bio-modification
5. Gene therapy in periodontics

MDS Degree Examination- April 2018

Time: Three Hours

Max. Marks:75 Marks

Periodontology

Essay (with emphasis on recent advances in periodontics)

Paper IV

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAYS (Answer any one)

1x75=75 Marks

1. Evidence based periodontal therapy
2. Describe the recent advances in diagnostic aids used in periodontics.

MDS Degree Examination

Time: Three Hours

Max. Marks: 75 Marks

20/09/2017

Periodontology

Etiology, Pathogenesis & Epidemiology of Periodontal diseases

Paper II

M.D.S. Part- III

- Write legibly

- Draw diagrams wherever necessary

LONG ESSAYS

2x20=40 Marks

1. Classify gingival enlargement. Discuss etiopathogenesis of drug induced gingival enlargement in detail.
2. Discuss the evolution of the process of classification of gingival and periodontal diseases.

SHORT NOTES

5x07=35 Marks

1. Keystone hypothesis
2. PCR
3. Risk Markers
4. Periodontal disease activity
5. Differential diagnosis of NUG