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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - II (PERIODONTOLOGY) DEGREE EXAMINATION – JUNE 2021

SUBJECT: PAPER I – NORMAL PERIODONTAL STRUCTURES, ETIOLOGY AND
PATHOGENESIS OF PERIODONTAL DISEASES, EPIDEMIOLOGY AS RELATED TO
PERIODONTICS

Thursday, June 03, 2021

Time: 10:00 – 13:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss in detail the effect of oxidative stress in the pathogenesis of periodontitis. (25 marks)
2. Elaborate on defense mechanisms of gingiva. (25 marks)

3. **Write short notes on:**

- 3A. Indices used for assessment of gingival bleeding.
- 3B. Transendothelial migration of neutrophils
- 3C. Keystone pathogen hypothesis
- 3D. Effect of viruses in periodontal disease.
- 3E. Effect of female sex hormones on the periodontium.

(10 marks × 5 = 50 marks)



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MDS PART - II (PERIODONTOLOGY) DEGREE EXAMINATION – JUNE 2021

SUBJECT: PAPER II – PERIODONTAL DIAGNOSIS, THERAPY AND ORAL IMPLANTOLOGY

Saturday, June 05, 2021

Time: 10:00 – 13:00 Hrs.

Max. Marks: 100

☞ **Answer ALL the questions.**

☞ **Long Essays:**

1. Discuss the role of guided tissue regeneration in periodontal therapy

(25 marks)

2. Discuss non-surgical therapy in the management of periodontal diseases

(25 marks)

3. **Write short notes on:**

3A. Treatment of drug induced periodontal enlargement

3B. Healing of free gingival graft

3C. Describe the adjunctive use of local drug delivery in the management of periodontal diseases

3D. Periodontal Splints

3E. Methods of GCF collection

(10 marks × 5 = 50 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION
MDS PART - II (PERIODONTOLOGY) DEGREE EXAMINATION – JUNE 2021
SUBJECT: PAPER III – ESSAY (WITH EMPHASIS ON RECENT ADVANCES IN PERIODONTICS)

Monday, June 07, 2021

Time: 10:00 – 13:00 Hrs.

Max. Marks: 100

✗ **Answer any TWO questions.**

✗ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Lasers in periodontal therapy (50 marks)

2. Management of dentinal hypersensitivity - Current concepts (50 marks)

3. Advances in dental imaging for periodontal diagnosis. (50 marks)

