

Reg. No.

**MANIPAL ACADEMY OF HIGHER EDUCATION**

**MDS PART - II (PERIODONTOLOGY) DEGREE EXAMINATION – OCTOBER 2024**

**PAPER - I**

Saturday, October 05, 2024

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Elaborate the role of the junctional epithelium in periodontal health and disease. (25 marks)

2. Diabetes mellitus – a periodontal disease modifier. Justify. (25 marks)

3. **Write short notes on:**

3A. Effect of stress on periodontium.

3B. Periodontal indices.

3C. Etiology and microbiology of Periodontal abscess.

3D. Porphyromonas gingivalis.

3E. Effect of aging on the periodontium.

(10 marks × 5 = 50 marks)



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**PAPER - II**

Monday, October 07, 2024

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the current status of bone grafts in periodontal therapy. (25 marks)
  
2. Discuss management of the endo-perio dilemma. (25 marks)
  
3. **Write short notes on:**
  - 3A. Ridge augmentation.
  - 3B. Steps in the diagnosis of desquamative gingivitis.
  - 3C. Root biomodification.
  - 3D. Principles of scaling and root planning.
  - 3E. Dental implant hard tissue interface.

(10 marks × 5 = 50 marks)



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**PAPER - III**

Wednesday, October 09, 2024

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ **Answer ANY TWO questions.**  
✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Role of Growth factors in periodontal therapy.
2. Present and future scope of research in periodontology.
3. Supportive periodontal and peri-implant maintenance therapy.

(50 marks × 2 = 100 marks)

