

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

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

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

Friday, December 03, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays:

1. Describe the effect of occlusal trauma on the periodontium.

(25 marks)

2. Discuss Cementum in health and disease.

(25 marks)

3. Write short notes on:

3A. Pathogenesis of periodontal pocket.

3B. Risk elements for periodontal disease.

3C. Toll-like receptors.

3D. Current understanding of plaque hypothesis.

3E. Maternal periodontitis and adverse events in pregnancy.

(10 marks × 5 = 50 marks)



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

Saturday, December 04, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays:

1. Discuss the rationale, principle and current concepts regarding the use of membranes in the treatment of periodontal defects

(25 marks)

2. Discuss the treatment options of localized gingival recession and write a note on creeping attachment

(25 marks)

3. Write short notes on:

3A. Factors affecting prognosis of furcation defects

3B. Discuss about minimally invasive periodontal surgery

3C. Methods of evaluating stability of dental implants

3D. Photodynamic therapy

3E. Principles of periodontal instrumentation

(10 marks × 5 = 50 marks)



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

SUBJECT: PAPER III – ESSAY (WITH EMPHASIS ON RECENT ADVANCES IN PERIODONTICS)

Monday, December 06, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer any TWO questions.

✍ Illustrate your answers with diagrams, flow charts wherever appropriate.

1. Discuss the relationship between Diabetes and chronic periodontitis. (50 marks)
2. Antimicrobial agents for host modulation therapy. (50 marks)
3. Current trends and advances in bone augmentation for dental implant placement. (50 marks)

