

MANIPAL UNIVERSITY**MDS (PERIODONTOLOGY) DEGREE EXAMINATION – APRIL 2014**

**SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY,
PHYSIOLOGY & BIOCHEMISTRY, PATHOLOGY, MICROBIOLOGY,
PHARMACOLOGY, RESEARCH METHODOLOGY AND BIostatISTICS**

Monday, April 07, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Add a note on specific culture characteristics of various putative periodontal pathogens.
(20 marks)
2. Describe the course, innervations and relationships of the mandibular nerve. Discuss in detail the etiology of parasthesia associated with the branches of mandibular nerve.
(20 marks)

3. Write short notes on:

- 3A. Antibacterial properties of saliva
- 3B. CPITN
- 3C. Basic concepts of inflammation
- 3D. Role of vitamin C in maintaining periodontal homeostasis
- 3E. Cell mediated immunity

(7×5= 35 marks)



MANIPAL UNIVERSITY**MDS (PERIODONTOLOGY) DEGREE EXAMINATION – APRIL 2014****SUBJECT: PAPER II – NORMAL PERIODONTAL STRUCTURE, ETIOLOGY & PATHOGENESIS OF PERIODONTAL DISEASES, EPIDEMIOLOGY AS RELATED TO PERIODONTICS**

Tuesday, April 08, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Discuss in detail the microcirculation of the gingiva.

(20 marks)

2. Discuss in detail the two way relationship of diabetes mellitus and periodontal disease.

(20 marks)

3. Write short notes on:

3A. Role of calculus in the etiology of periodontal disease

3B. Junctional epithelium in health and disease

3C. Effect of smoking on the periodontium

3D. Soft tissue changes in the pathogenesis of pocket

3E. Current concepts in the etiology of desquamative gingivitis

(7 × 5 = 35 marks)



MANIPAL UNIVERSITY**MDS (PERIODONTOLOGY) DEGREE EXAMINATION – APRIL 2014****SUBJECT: PAPER III – PERIODONTAL DIAGNOSIS, THERAPY AND ORAL IMPLANTOLOGY**

Wednesday, April 09, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Discuss in detail the management of Furcation involvement.

(20 marks)

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

(20 marks)

3. Write short notes on:

3A. Current advances in ultrasonic scalers

3B. Rationale of host modulation therapy

3C. Controversies in use of Lasers in periodontics

3D. Management of Perimplantitis

3E. Ortho-Perio Interrelationship

(7×5= 35 marks)



MANIPAL UNIVERSITY

MDS (PERIODONTOLOGY) DEGREE EXAMINATION – APRIL 2014

SUBJECT: PAPER IV: ESSAY

Thursday, April 10, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer only ONE question.**

✍ **Long Essay.**

Discuss in detail concepts and techniques in Furcation therapy

OR

Discuss in detail the Endo - Perio continuum

