

APRIL 2003

[KI 357]

Sub. Code : 2312

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II — Periodontics

Part II

Paper II — PATHOLOGY, MICROBIOLOGY AND  
IMMUNOLOGY

Time : Three hours      Maximum : 100 marks

Answer ALL questions.

1. Enumerate the various viral lesions that affect oral cavity and its effect on periodontium. (25)
  2. Discuss the host modulation in the management of periodontal disease. (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Porphyromonas gingivalis.
    - (b) Advanced glycation end products.
    - (c) Fibrinogen.
    - (d) Cytokines.
    - (e) PCR.
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3. Short Notes (10 × 5 = 50)

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(1) Enumerate the periodontal manifestations in AIDS patients.

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(2) Discuss the etiology and management of Pericoronitis.

Branch II — PERIODONTICS

(3) Halitosis.

Part II

(4) Genetic considerations in L.A.P. patients.

Paper II — PATHOLOGY, MICROBIOLOGY AND IMMUNOLOGY

(5) Leukocyte Adhesion Deficiency.

(6) Plasma Cell Gingivitis.

Time : Three hours Maximum : 100 marks

(7) Enumerate the histopathology, differential diagnosis and treatment of pemphigus vulgaris lesions?

Theory : Two hours and forty minutes Theory : 80 marks

(8) Bone Morphogenic Proteins.

forty minutes

(9) Discuss the advances in clinical diagnostic aids.

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

(10) Discuss the various plaque hypothesis in relation to the current concepts in the microbiology of periodontal disease.

M.C.Q must be answered **SEPARATELY** on the answer sheet provided as per the instructions on the first page of MCQ Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

ESSAY

(2 × 15 = 30)

1. Discuss the role of GCF in the diagnosis and treatment of periodontal disease.

2. Describe in detail the pathogenesis of a periodontal pocket.