

**APRIL 1995**

[ SB 268 ]

M.D.S. DEGREE EXAMINATION

(New Regulations)

Part II

Branch II — Periodontics

Paper II - PATHOLOGY, MICROBIOLOGY AND  
IMMUNOLOGY

Time Three hours

Maximum 100 marks

Answer ALL questions.

1. Discuss the normal oral flora. Give a detailed account of microbiology of periodontal health and disease.  
(25)
2. Discuss the histopathology and pathogenesis of bone loss and pattern of alveolar bone-destruction in various periodontal diseases. Enumerate various skeletal disturbances manifested in alveolar bone.  
(25)
3. Write short notes on the following :
  - (a) Specific Plaque Hypothesis.
  - (b) Immunologic Aspects of Localized Juvenile Periodontitis.
  - (c) Neutrophil Related Periodontal Diseases.
  - (d) Current concepts in the etiopathology and management of acute necrotizing ulcerative gingivitis.
  - (e) Localised discrete gingival enlargements.

(5 × 10 = 50)

## NOVEMBER 1995

MB 269

M.D.S. DEGREE EXAMINATION

(New Regulations)

Part II

Branch II - Periodontics

Paper II - PATHOLOGY, MICROBIOLOGY AND  
IMMUNOLOGY

Time: Three hours

Max. marks: 100

Answer All Questions

1. Diabetes Mellitus - A risk factor for  
Periodontitis in adults - Discuss. (25)
  2. Write about the recent advances in the  
microbial profile of ANUG. (25)
  3. Write short notes on: (5x10=50)
    - (a) Significance of gingival crevicular  
fluid
    - (b) Drug induced gingival hyperplasia
    - (c) Lymphokines
    - (d) DNA Probes
    - (e) Papillon Lefevre syndrome
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## OCTOBER 1996

PK 237 M.D.S. DEGREE EXAMINATION

(New Regulations)

Part II

Branch II - Periodontics

Paper II - PATHOLOGY, MICROBIOLOGY AND  
IMMUNOLOGY

Time: Three hours Max. marks: 100

Answer All Questions

1. Discuss the role of micro-organisms in the aetiology and progression of periodontal diseases. (25)
  2. What is A.I.D.S.? What is the role of the periodontist with regard to precautions and management of periodontal problems in A.I.D.S. cases? (25)
  3. Write briefly on: (5x10=50)
    - (a) Histopathology of a periodontal pocket
    - (b) Drug induced gingival overgrowths
    - (c) Immunological profile of subjects with periodontitis
    - (d) Subgingival calculus
    - (e) Pericoronitis
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APRIL 1999

SV 228

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch II - Periodontics

Part II

Paper II - PATHOLOGY, MICROBIOLOGY AND  
IMMUNOLOGY

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the aetiopathogenesis of tooth mobility and migration in periodontal disease. (25)
  2. Discuss the various components of immune system. (25)
  3. Write briefly on: (5x10=50)
    - (a) Conditioned gingival enlargements
    - (b) The impact of diabetes mellitus on oral health
    - (c) Pathogenesis of periodontal pocket
    - (d) Mechanism of bacterial adhesion to the tooth surface
    - (e) Influence of prosthetic restorations on the periodontium.
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APRIL 2000

[KB 357]

M.D.S. DEGREE EXAMINATION.

Branch II — Periodontics

Part II

Paper II — PATHOLOGY, MICROBIOLOGY AND  
IMMUNOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss Host Response in periodontal disease. (25)
  2. Discuss the role of micro organisms in the initiation and progression of periodontal disease. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Histopathology of periodontal pocket.
    - (b) Attachment of dental calculus to the teeth.
    - (c) Role of Cytokines in periodontal disease.
    - (d) Microbiological aspect of localized Juvenile Periodontitis.
    - (e) Drug Induced Gingival Enlargement.
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OCTOBER 2000

[KC 357]

M.D.S. DEGREE EXAMINATION

Part II

Branch II — Periodontics.

Paper II — PATHOLOGY, MICROBIOLOGY AND  
IMMUNOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the microbiological and immunological aspect of rapidly progressive periodontitis. (25)
  2. Discuss the role of Gingival Crevicular fluid (G.C.F.) in periodontal diagnosis. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Desquamative gingivitis.
    - (b) Systemic diseases causing gingival enlargement.
    - (c) Pattern of bone destruction in periodontal disease.
    - (d) Chronic inflammatory cells in periodontium.
    - (e) Aetiopathology of 'Tooth Mobility'.
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