

MARCH 2002

[KG 357]

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. Write a brief note on host derived bone resorption factors. (25)
 2. What are the indications for microbiological tests and their practicability in periodontal treatment procedures? (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Tissue response to increased occlusal forces.
 - (b) Pocket contents and significance of pus formation.
 - (c) Histopathology of desquamative gingivitis.
 - (d) Emigration and chemotaxis.
 - (e) Oral and periodontal manifestations in HIV infected patients.
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3. Write briefly on : (5 × 10 = 50)

- (a) Matrix Metallo Proteinases
- (b) Periodontal Abscess
- (c) Pharmacologic Agents causing bone resorption
- (d) Drug Induced Gingival Enlargement
- (e) Pathologic Migration.

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Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Describe in detail the pathogenesis of a periodontal pocket. (25)
2. Discuss the role of cytokines and growth factors in periodontal health and disease. (25)