

## SEPTEMBER 2006

[KP 357]

Sub. Code : 2312

### M.D.S. DEGREE EXAMINATION.

(Revised Regulation)

Branch II — Periodontics

#### Part II

#### Paper II — PATHOLOGY, MICROBIOLOGY AND IMMUNOLOGY

Time : Three hours      Maximum : 100 marks  
Theory : Two hours and forty minutes      Theory : 80 marks  
M.C.Q. : Twenty minutes      M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

#### I. Essay :

(1) Define periodontal medicine. Explore the association between periodontal disease and coronary heart disease/atherosclerosis. (20)

(2) Discuss the statement :

"Not all *Actinobacillus actinomycetemcomitans* are created equal, but rather some strains are more virulent than others". (15)

(3) Discuss the role of Gingival Crevicular Fluid (G.C.F) enzymes as a diagnostic aid for Periodontal diseases. (15)

II. Short notes : (6 × 5 = 30)

(a) Smoking and gingival sulcular temperature

(b) Salivary antibodies

(c) Enzymes of bacterial origin detected in gingival crevicular fluid

(d) Colour changes in gingiva associated with various systemic diseases

(e) Gingival enlargement associated with calcium channel blockers

(f) Pemphigus Vulgaris.