

OCTOBER 2003

[KJ 356]

Sub. Code : 2311

(10 x 5 = 50)

3. Short notes :

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II — PERIODONTICS

Part II

Paper I — BIOLOGY OF PERIODONTICS AND
AETIOLOGY OF PERIODONTAL DISEASES

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

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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essay : (2 x 15 = 30)

1. Periodontal disease and diabetes mellitus —
A 2 way relationship — Elaborate in detail.

2. Describe in detail the microscopic features of
gingival epithelium.

(1) Fibroblasts.

(2) Gingival pigmentation.

(3) Cementum in health and disease.

(4) Structure of alveolar bone.

(5) Matrix metallo proteinases.

(6) Etiology of localized aggressive periodontitis.

(7) Leukotoxins.

(8) Role of orthodontic tooth movement in the
etiology of periodontal disease.

(9) Mast cells.

(10) Role of ascorbic acid as a factor in the etiology
of periodontal disease.