

MARCH 2007

[KQ 356]

Sub. Code : 2311

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II — Periodontics

Part II

Paper I — BIOLOGY OF PERIODONTICS AND
AETIOLOGY OF PERIODONTAL DISEASES

(For candidates admitted from the academic year
1993 – 1994 onwards)

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. Discuss Recent Research Advances in Periodontal
Etiopathology. (20)

2. Discuss stem cells in periodontal regeneration. (15)
3. Discuss microscopic structure and physiologic properties of Dental Plaque. (15)

II. Short notes : (6 x 5 = 30)

(a) Oxygen consumption of Gingiva.

(b) Collagen – Structure, Biologic properties.

(c) Association between herpes virus and periodontal disease.

(d) Effects of smoking on the etiology of periodontal disease.

(e) Various enzymes and other components reported in gingival crevicular fluid.

(f) Micro topography of the gingival wall of the pocket.