

APRIL 2004

[KK 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

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.

A. Essay :

(2 × 15 = 30)

(1) Discuss in detail the biochemical aspects of normal periodontal connective tissues.

(2) Discuss the host microbe interaction in periodontal diseases.

B. Short notes :

(10 × 5 = 50)

(1) Gene Transcription.

(2) Smoking and periodontal disease.

(3) Growth Factor Receptors.

(4) BIOFILM.

(5) SPARC.

(6) Actinobacillus Actinomycetem comtans.

(7) Development of cementum.

(8) Sex hormones.

(9) Matrix metalloproteinases.

(10) Periodontal complications associated with orthodontic therapy.