

## SEPTEMBER 2007

[KR 389]

Sub. Code : 2405

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II — Periodontics

(For candidates admitted from the Academic Year  
2004–05 onwards)

Paper I — APPLIED BASIC SCIENCES

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 Diagrams wherever necessary.

I. Essay :

1. Enumerate the factors of coagulation of blood.  
Discuss the process of blood coagulation in detail. (20)
2. Discuss in detail the nerve supply of maxilla and  
mandible. (15)

3. Describe the various modes of sterilization of  
periodontal instruments. (15)

II. Write Short notes on : (6 × 5 = 30)

- (a) Parathormone
- (b) Giant cell
- (c) Vitamin B complex
- (d) Bundle bone
- (e) Maxillary artery
- (f) Development of the root.