

MARCH 2007

[KQ 394]

Sub. Code : 2409

II. Short notes :

(6 × 5 = 30)

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Conservative Dentistry

(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 suitable diagrams wherever necessary.

I. Essay :

(1) Describe the physiology of coagulation, its
mechanism and applications. (20)

(2) Describe the various aspects of oral anatomy
that influence the biocompatibility of dental materials. (15)

(3) Describe in detail amelogenesis. Add a note
on the applied aspects of it. (15)

(a) Enamel organ and its function.

(b) Antibiotics and its use in dentistry.

(c) Blood supply to the upper teeth.

(d) Role of nutrition in prevention of dental
diseases.

(e) Healing after endodontic procedure.

(f) Sterilisation and Disinfection.