

**MARCH 2008**

**[KS 369]**

**Sub. Code : 2409**

M.D.S. DEGREE EXAMINATION.

Branch III — Conservative Dentistry

Paper I — APPLIED BASIC SCIENCES

(Candidates admitted from 2004-05 onwards)

**Q.P. Code : 242409**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

- I. Essay : (2 × 20 = 40)
    1. Describe muscles of mastication. (20)
    2. Describe physiology of pain. (20)
  - II. Short notes on : (6 × 10 = 60)
    1. Discuss infection control in dental office
    2. Calcium metabolism.
    3. Enamel organ and its function.
    4. Types of necrosis with examples.
    5. Describe various routes of drug administration.
    6. Microorganisms in oral cavity.
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