

February 2011

[KY 655]

Sub. Code : 4134

**SECOND B.D.S. DEGREE EXAMINATION.**

**(Modified Regulations — III)**

**Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY  
AND TOOTH MORPHOLOGY**

*Q.P. Code : 544134*

**Time : Three hours**

**Maximum : 100 marks**

Answer **ALL** questions.

**I. Essays :**

**(2 x 20 = 40)**

1. Describe the macroscopic and microscopic features of Gingiva with diagrams.
2. Describe in detail about the morphology of permanent maxillary canine.

**II. Write short notes on :**

**(10 x 6 = 60)**

1. Development of Mandible.
  2. Enamel Rods.
  3. Cellular cementum.
  4. Principal fibres of periodontal ligament.
  5. Histological zones of Dental pulp.
  6. Leeway space of Nance.
  7. Functions of Saliva.
  8. Histology of Maxillary sinus.
  9. Occlusal surface morphology of permanent mandibular First Molar.
  10. Secondary Dentine.
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