

February 2010

[KW 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. Development, anatomy, structure and functions of salivary glands.
2. Write in detail about the morphology of right permanent maxillary first molar tooth.

II. Write Short notes on :

(10 x 6 = 60)

1. Dentino-enamel junction.
2. Theories of tooth eruption.
3. Ultra structure of any protein synthesizing cell.
4. Enamel lamella.
5. Maxillary sinus.
6. Taste bud.
7. Calcium homeostasis.
8. Compare osteocyte and cementocyte.
9. Alveolar nerve.
10. Inter and peri-tubular dentin.
