

[LG 655]

FEBRUARY 2015

Sub. Code: 4170

FIRST YEAR B.D.S. DEGREE EXAM
PAPER III – DENTAL ANATOMY, EMBRYOLOGY AND
ORAL HISTOLOGY
Q.P Code: 544170

Time: 180 Minutes**Maximum: 70 Marks**

Answer all questions in the same order
Draw suitable diagrams wherever necessary

I. Elaborate on:**(2 x 10 = 20)**

1. Discuss the process of amelogenesis in detail.
2. Describe the chronology of permanent teeth. Discuss in detail the morphology of permanent right mandibular first molar.

II. Write Notes on:**(10 x 5 = 50)**

1. Cemento-enamel junction.
2. Ground section.
3. Development of tongue.
4. Cells of the periodontal ligament.
5. Incremental lines of Retzius.
6. Serous cell.
7. Composition of saliva.
8. Pain transmission in dentin.
9. Hertwig's epithelial root sheath.
10. Functions of pulp.
