

**QP Code: 104002**

Reg.No.:

First Year BDS Degree Supplementary Examinations - February 2014

Dental Anatomy, Embryology and Oral Histology**Time: 3 Hours****Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

Essay**(2x14=28)**

1. Describe the morphology of permanent maxillary first premolar. Enumerate the differences between the maxillary first and second premolar. (10+4=14)
2. Classify oral mucosa. Discuss in detail macroscopic and microscopic structure of tongue. (2+4+8=14)

Short essays**(4x8=32)**

3. Name the stages of development of teeth. Add a note on root formation. (2+6=8)
4. Discuss the different zones of pulp with the help of a neat diagram (6+2=8)
5. Explain the composition and functions of saliva (4+4=8)
6. Discuss sequence of eruption of deciduous and permanent dentition (5+3=8)

Short notes**(10x4=40)**

7. Osteoclasts
8. Cemento-enamel junction
9. Functions of periodontal ligament
10. Enamel tufts and lamellae
11. Tomes granular layer
12. Myo-epithelial cells
13. Gubernacular canal and cord
14. Contact point and embrasures
15. Leeway space
16. Meckel's cartilage
