



**QP Code: 104002**

**Reg.No.: .....**

**First Year BDS Degree Supplementary Examinations February 2018**

**Dental Anatomy, Embryology and Oral Histology**

**(2010 SCHEME)**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(2x14=28)**

1. Discuss the chronology and morphology of maxillary first premolar. Enumerate four differences between maxillary first and second premolars. (2+8+4)
2. Classify salivary glands. Describe the histology of parotid gland. Enumerate the differences between serous and mucous acini (2+8+4)

**Short essays**

**(4x8=32)**

3. Desmosomal junction
4. Differences between deciduous and permanent dentition
5. Cellular elements of pulp
6. H&E staining procedure

**Short notes**

**(10x4=40)**

7. Specialized mucosa
8. Nerve supply of mandibular teeth
9. Microscopic features of palate
10. Ridges on tooth surface
11. Hypocalcified structures in enamel
12. Osteoclast
13. Incremental lines of Von Ebner
14. Development of tongue
15. Advanced bell stage
16. Dento-gingival junction

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