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QP Code: 104002 **Reg. No.: .....**

First Year BDS Degree Supplementary Examinations January 2019

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. Classify salivary glands. Describe in detail the light and electron microscopic feature of a serous cell. Add a note on the ductal system of salivary gland (2+8+4)
2. Describe in detail the morphology of the permanent maxillary canine. Add a note on its chronology (12+2)

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

3. Enumerate and explain the hypo calcified structures of enamel
4. Discuss papillae of tongue
5. Explain occlusal surface of the permanent maxillary first molar
6. Discuss the phase of pre eruptive and eruptive tooth movement

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

7. Fibro nexus and its role in eruption of teeth
8. Submerged tooth
9. Cementocytes
10. Line angles and point angles
11. Bundle bone
12. Myo-epithelial cells
13. Desmosomes
14. Pulp stones
15. Inter tubular and intra tubular dentin
16. Robinsons alkaline phosphatase theory

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