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

First Year BDS Degree Supplementary Examinations - February 2015

Dental Anatomy, Embryology and Oral Histology

Time: 3 Hours **Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

Essays **(2x14=28)**

1. Enumerate the life cycle of an ameloblast. Explain in detail formative and maturative phase in the life cycle of an ameloblast (4+10=14)
2. Describe in detail the morphology of the permanent mandibular first molar. Add a note on its chronology. (12+2=14)

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

3. Explain ductal system of salivary gland and its role in modification of saliva
4. Explain systems of dental notation with example
5. Discuss non keratinocytes of the oral mucosa
6. Explain bell stage of tooth development

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

7. Histology of taste buds
8. Pericytes
9. Tomes granular layer
10. Neural crest cells
11. Oblique ridge
12. Age changes in the mandible
13. Any three functions of maxillary sinus
14. Matrix vesicle theory
15. Leeway Space of Nance
16. Labial aspect of maxillary central incisor

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