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

First Year BDS Degree Examinations - August 2013

Dental Anatomy, Embryology and Oral Histology

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

- Answer all questions
- Draw diagrams wherever necessary

Essays **(2x14=28)**

1. Define periodontium. What are the structures which constitute periodontium. Discuss the principal fibers of periodontal ligament. Add a note on the functions of periodontal ligament (2+2+5+5)
2. Describe the morphology of permanent mandibular first molar. Enumerate four differences between permanent mandibular and maxillary first molars. (10+4)

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

3. Chronology of permanent dentition
4. Histologic features of sub mandibular salivary gland
5. Age changes in dental tissues
6. Steps in histological processing of soft tissues

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

7. Inter globular dentin
8. Inferior alveolar nerve
9. Anti microbial properties of saliva
10. Junctional epithelium
11. Differences between acellular and cellular cementum
12. Histology of maxillary sinus
13. Ligaments associated with TMJ
14. Structures arising from dentin-enamel junction
15. Transitory structures in tooth development
16. Non keratinocytes

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