

QP CODE:1402**Reg.No:.....****FIRST BDS DEGREE SUPPLEMENTARY EXAMINATIONS, FEB- 2012****Dental Anatomy including Embryology and Histology****Time: 3 Hours****Total Marks: 100**

- Answer all questions
- Draw Diagrams wherever necessary

Essay:**(2x10=20)**

1. Enumerate various stages in the life cycle of the ameloblasts. Discuss in detail amelogenesis
2. Describe in detail the morphology of the maxillary first premolar. Add a note on its chronology

Short notes:**(10x5= 50)**

3. Inter tubular dentin and Intra tubular dentin
4. Incisal aspect of canine
5. Define a ridge, groove, lobes and give example for each
6. Fibres of periodontal ligament
7. Stratum basale and stratum spinosum
8. Functions of pulp
9. Cap stage of tooth development
10. Role of osteoclast in tooth resorption
11. Briefly describe the three phases of deglutition
12. Occlusal surface of mandibular first molars

Answer briefly:**(10x3=30)**

13. Epithelial rests of Malassez
14. Pericytes
15. Keratohyaline granules
16. Write any three differences between fibrillar and afibrillar cementum
17. Leeway space of Nance
18. Canine fossa
19. Any three functions of maxillary sinus
20. Any three differences between maxillary central and mandibular central incisors
21. List any three functions of saliva
22. Anatomic parts of gingiva
