

First Year BDS Degree Supplementary Examinations July 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. Describe the morphology of permanent maxillary canine with neat diagrams. Explain the differences between permanent maxillary and mandibular canine. (7+3+4)
2. Define periodontium and name the periodontal tissues. Describe the principal fibers of periodontal ligament in detail with the help of a neat diagram. (2+3+7+2)

Short essays

(4x8=32)

3. Describe the muscles of mastication in detail with the help of a neat diagram (5+3)
4. Describe denticles and cementicles with the help of a neat diagram (4+2+2)
5. Define a pit, fossa, cusp and a ridge (1+2+2+3)
6. Enumerate and explain in detail the theories of tooth eruption. (2+6)

Short notes

(10x4=40)

7. Tertiary dentin
8. Occlusal aspect of permanent mandibular first molar
9. Derivatives of neural crest cells.
10. Transient structures in odontogenesis
11. Non keratinocytes
12. Line angles and point angles in maxillary anteriors
13. Odontoclasts
14. Compensatory curves.
15. Surface structures of enamel
16. Cellular and acellular cementum
