

First Year BDS Degree Supplementary Examinations February 2018

Dental Anatomy, Embryology and Oral Histology

(2016 SCHEME)

Time: 3 Hours

Max Marks: 70

- Answer all questions
- Draw diagrams wherever necessary

Essay:

(2x10=20)

1. Classify oral mucous membrane. Describe in detail the macro and microscopic features of gingiva. (2+8)
2. Explain in detail the anatomy of permanent maxillary first molar with neat diagrams. Add a note on its chronology. (8+2)

Short Notes:

(4x5=20)

3. Discuss histology of serous salivary gland.
4. Describe occlusal anatomy of mandibular second premolar.
5. Discuss histology of pulp.
6. Phases of deglutition

Brief Notes:

(10x3=30)

7. Cap stage of tooth development.
8. Tertiary dentin.
9. Surface structures of enamel.
10. Lamina dura.
11. Four differences between cellular and acellular cementum.
12. Ridges.
13. Alkaline phosphatase theory of mineralization.
14. FDI tooth numbering system for permanent and deciduous dentition.
15. Development of tongue.
16. Functions of maxillary sinus.
