

**QP Code: 104002**

Reg.No.: .....

First Year BDS Degree Examinations - August 2012

**Dental Anatomy, Embryology and Oral Histology****Time: 3 Hours****Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essays****(2x14=28)**

1. Classify oral mucosa. Describe in detail the histology of gingiva (4+10=14)
2. Describe in detail the morphology of the permanent mandibular first premolar.  
Add a note on its chronology (12+2=14)

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

3. Cells and fibres of periodontal ligament
4. Process of root resorption by odontoclast
5. Theories of dentin sensitivity
6. List eight differences between deciduous and permanent teeth

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

7. List four functions of pulp
8. List four functions of saliva
9. Cervical loop
10. Oral phase of deglutition
11. Fixation of tissue
12. Articular disc of TMJ
13. Define ridge and groove with examples
14. Compensatory curves
15. Histology of maxillary sinus lining
16. Pre-eruptive tooth movement

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