

**QP Code: 104002**

Reg.No.: .....

First Year BDS Degree Supplementary Examinations - February 2016

**Dental Anatomy, Embryology and Oral Histology**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(2x14=28)**

1. Explain in detail the properties, composition and structure of enamel. Add a note on its clinical importance (4+8+2=14)
2. Describe the morphology of maxillary first premolar with neat diagrams and enumerate the differences between maxillary first and second premolars. ( 8+2+4=14)

**Short essays**

**(4x8=32)**

3. Classify oral mucosa and describe in detail structure of the dorsum of the tongue with diagrams. (2+6=8)
4. Define occlusion, over jet, over bite and compensatory curves (2+2+2+2=8)
5. Explain mastication and its importance (5+3=8)
6. Describe incremental lines of the hard tissues with the help of a neat diagram. (5+3=8)

**Short notes**

**(10x4=40)**

7. Functions of pulp
8. Oblique ridge
9. Dentin sensitivity
10. Shedding of teeth
11. Embrasure
12. Myoepithelial cells
13. Sharpey's fibers
14. Development of tongue
15. FDI system
16. Bundle bone

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