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**Bachelor of Dental Surgery [B.D.S.]**

**1<sup>st</sup> Year Main Examination, 2011-12 [Aug 2012]**

**DENTAL ANATOMY, EMBRYOLOGY & ORAL HISTOLOGY**

*Time : 3 Hours ]*

*[Max. Marks : 70*

**Note:** *Attempt all the Parts. Draw proper diagrams to support your answer, wherever necessary.*

**PART – A**

**[35**

1. Describe maxillary first molar from all aspects. Draw well labeled diagram. [10]
2. Define Occlusion. Describe in detail the factors affecting Occlusion. [10]
3. *Write short notes on:*
  - (a) Differences between maxillary and mandibular permanent canine [5]
  - (b) Chronology of maxillary I premolar [5]
  - (c) Geometric forms of teeth and their significance [5]

**PART – B**

**[35**

4. Classify oral mucous membrane. Explain the difference between keratinized and non-keratinized epithelium. Add a note on gingival epithelium. [10]
5. Explain the stages in the life cycle of ameloblasts. Describe age changes in enamel. [10]
6. *Write short notes on:*
  - (a) Age changes in dentin. [5]
  - (b) Differences between Cellular and acellular cementum. [5]
  - (c) Functions of Pulp. [5]

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