

MANIPAL UNIVERSITY**FIRST BDS DEGREE EXAMINATION – DEC 2015 / JAN 2016****SUBJECT: DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY (ESSAY)**

Friday, January 01, 2016

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions.**

✍ **Draw diagrams wherever necessary.**

✍ **Essay questions:**

1. Describe in detail the morphological features of permanent maxillary central incisor. Add a note on its chronology.

(8+2 = 10 marks)

2. Classify Oral mucosa. Discuss the macroscopic and microscopic features of gingiva.

(2+4+4 = 10 marks)

3. **Write short notes on:**

3A. Advanced bell stage of odontogenesis

3B. Cells of the periodontal ligament

3C. Masticatory cycle

3D. Dentinal hypersensitivity

3E. Differences between deciduous and permanent teeth

3F. Occlusal aspect of permanent mandibular first molar

3G. Histology of maxillary sinus

3H. Hypocalcified structures of enamel

3I. Pulp stones

3J. Tooth numbering systems

(4 marks × 10 = 40 marks)

