

Reg. No.

MANIPAL UNIVERSITY

Health Sciences Library

FIRST BDS DEGREE EXAMINATION – JUNE 2011

**SUBJECT: DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY (ESSAY)
(NEW REGULATION)**

Monday, June 20, 2011

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions.**

✍ **Draw diagrams and flow charts wherever appropriate.**

1. Classify oral mucosa. Describe in detail the histology of gingiva.

(2+8 = 10 marks)

2. Describe in detail the morphology of the maxillary permanent canine. Add a note on the chronology.

(8+2 = 10 marks)

3. Write short notes:

3A. Primary dentin

3B. Advanced bell stage

3C. Enamel lamellae

3D. Articular disc of TMJ

3E. Serous acini

3F. Principal fibres of PDL

3G. Occlusal aspect of permanent mandibular first molar

3H. Tooth numbering systems

3I. Ridges of a tooth

3J. Jaw reflexes in mastication

(4×10 = 40 marks)

