

**MANIPAL UNIVERSITY****FIRST BDS DEGREE EXAMINATION – JUNE 2014****SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY (ESSAY)**

Friday, June 13, 2014

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

- ✍ **All questions are compulsory.**
- ✍ **Illustrate your answers with diagrams wherever appropriate.**

1. Describe the Parotid gland under the following headings:

- 1A. Situation and coverings
- 1B. Parts and relations
- 1C. Nerve supply
- 1D. Applied anatomy

(2+3+3+2 = 10 marks)

2. Enumerate the dural venous sinuses and explain the cavernous sinus.

(4+6 = 10 marks)

3. **Short Essay:**

- 3A. Histology of the palatine tonsil
- 3B. Carotid sheath
- 3C. Vocal cord
- 3D. Formation of neural tube
- 3E. Frontonasal process
- 3F. Blood supply of the Thyroid gland
- 3G. Histology of Hyaline Cartilage
- 3H. Classification of chromosomes
- 3I. Trigeminal ganglion
- 3J. Boundaries of posterior triangle

(4 marks × 10 = 40 marks)