

MANIPAL UNIVERSITY**FIRST BDS DEGREE EXAMINATION – NOVEMBER 2012****SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY (ESSAY)
(NEW REGULATION)**

Friday, November 23, 2012

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

- ✍ **All questions are compulsory. Write brief, clear, relevant and legible answers.**
- ✍ **Illustrate your answers with diagrams and flow-charts wherever appropriate.**

1. Describe the carotid triangle of neck under:

- 1A. Boundaries
- 1B. Contents
- 1C. Applied aspects

(4+5+1 = 10 marks)

2. Describe submandibular salivary gland under:

- 2A. Parts
- 2B. Relations
- 2C. Nerve supply
- 2D. Applied anatomy

(2+4+3+1 = 10 marks)

3. **Write short notes on:**

- 3A. Sternocleidomastoid
- 3B. Histology of tonsil
- 3C. Turner's syndrome
- 3D. Derivatives of first pharyngeal arch
- 3E. External jugular vein
- 3F. Classification of bones
- 3G. Piriform fossa
- 3H. Histology of serous gland
- 3I. Superior orbital fissure
- 3J. Chorion

(4×10 = 40 marks)

