

**MANIPAL UNIVERSITY****FIRST BDS DEGREE EXAMINATION – JUNE 2010****SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY (ESSAY)  
(NEW REGULATION)**

Friday, June 18, 2010

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

**✍ Draw the diagrams wherever required.**

1. Describe the submandibular gland under the following headings:

- 1A. Parts
- 1B. Relations
- 1C. Nerve supply
- 1D. Applied anatomy

(2+5+2+1 = 10 marks)

2. Describe the posterior triangle of the neck under the following headings:

- 2A. Boundaries
- 2B. Subdivisions
- 2C. Contents

(4+2+4 = 10 marks)

3. **Write short notes on:**

- 3A. Superior sagittal sinus
- 3B. Parotid duct
- 3C. Ansa cervicalis
- 3D. Ciliary ganglion
- 3E. Sex chromosomes
- 3F. Typical spinal nerve
- 3G. Microscopic anatomy of the thyroid gland
- 3H. Microscopic anatomy of lymph node
- 3I. Development of palate
- 3J. Placenta

(4×10 = 40 marks)



**MANIPAL UNIVERSITY****FIRST BDS DEGREE EXAMINATION – NOVEMBER 2010****SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY (ESSAY)  
(NEW REGULATION)**

Saturday, November 27, 2010

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

**✍ Draw the diagrams wherever required.**

1. Describe the middle ear under following headings:

1A. Boundaries and relations

1B. Contents

(6+4 = 10 marks)

2. Describe the scalp under following headings:

2A. Layers

2B. Blood supply

2C. Nerve supply

(4+3+3 = 10 marks)

3. **Write short notes on:**

3A. Microscopic structure of hyaline cartilage

3B. Nasal septum

3C. Falx cerebri

3D. Barr body

3E. Microscopic structure of cornea

3F. Development of tongue and its anomalies

3G. Maxillary sinus

3H. Graafian follicle

3I. External jugular vein

3J. Synovial joint

(4×10 = 40 marks)

