

**MANIPAL UNIVERSITY**  
**FIRST MBBS DEGREE EXAMINATION – AUGUST 2008**  
**SUBJECT: ANATOMY – PAPER I (ESSAY)**

Monday, August 11, 2008

Time: 10:20–13:00 Hours

Maximum Marks: 40

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☞ ALL questions are compulsory.

1. Describe the submandibular gland under the following headings:

- 1A. Parts.
- 1B. Relations.
- 1C. Nerve supply.
- 1D. Histology.

(2+2+2+2 = 8 marks)

2. Describe the superolateral surface of cerebrum under the following headings:

- 2A. Sulci and gyri.
- 2B. Functional areas.
- 2C. Arterial supply.

(3+3+2 = 8 marks)

3. Write short notes on:

- 3A. Median Cubital vein.
- 3B. Rotator cuff.
- 3C. First carpometacarpal joint.
- 3D. Implantation.
- 3E. Trisomy 21.
- 3F. Piriform fossa.
- 3G. Falx cerebri.
- 3H. Lymphatic drainage of tongue.

(3×8 = 24 marks)



**MANIPAL UNIVERSITY****FIRST MBBS DEGREE EXAMINATION – AUGUST 2008****SUBJECT: ANATOMY – PAPER II (ESSAY)**

Tuesday, August 12, 2008

Time: 10:20 – 13:00 Hours

Maximum Marks: 40

✍ **ALL questions are compulsory.**

1. Describe the right atrium under the following headings:

- 1A. External and Internal features
- 1B. Tributaries
- 1C. Development

(4+2+2 = 8 marks)

2. Describe the right kidney under the following headings:

- 2A. Coverings
- 2B. Relations
- 2C. Development

(2+4+2 = 8 marks)

3. Write short notes on:

- 3A. Blood supply of stomach
- 3B. Spermatic cord
- 3C. McBurney's point
- 3D. Femoral sheath
- 3E. Gluteus maximus
- 3F. Flexor retinaculum of foot
- 3G. Microscopic structure of duodenum
- 3H. Structure of typical synovial joint.

(3×8 = 24 marks)