

MANIPAL UNIVERSITY
FIRST MBBS DEGREE EXAMINATION – MAY/JUNE 2007
SUBJECT: ANATOMY – PAPER I (ESSAY)

Monday, May 28, 2007

Time: 10:20–13:00 Hours

Maximum Marks: 40

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

1. Describe the scalp under the following headings:

- 1A. Layers
- 1B. Blood supply
- 1C. Nerve supply
- 1D. Applied aspects

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

2. Draw and label superolateral surface of cerebrum to show

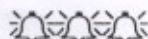
- 2A. Sulci and gyri
- 2B. Functional areas
- 2C. Arterial supply

(3+3+2 = 8 marks)

3. Write short notes on:

- 3A. Deltoid muscle
- 3B. Superficial palmar arch
- 3C. Radial nerve in spiral groove
- 3D. Oogenesis
- 3E. X- chromosome
- 3F. Hyoglossus
- 3G. Middle meningeal artery
- 3H. Microanatomy of large artery.

(3×8 = 24 marks)



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SUBJECT: ANATOMY – PAPER II (ESSAY)

Tuesday, May 29, 2007

Time: 10:20 – 13:00 Hours

Maximum Marks: 40

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

1. Describe the urinary bladder under the following headings:

- 1A. Surfaces and borders
- 1B. Relations
- 1C. Blood supply
- 1D. Histology
- 1E. Applied aspects.

(1+2+2+2+1 = 8 marks)

2. Draw a neat labeled diagram of the mediastinal surface of the right lung and give the microscopic structure of the lung.

(5+3 = 8 marks)

3. Write short notes on:

- 3A. Bare area of liver
- 3B. Inguinal rings
- 3C. Prostatic part of urethra
- 3D. Femoral sheath
- 3E. Obturator nerve
- 3F. Menisci of knee joint
- 3G. Microanatomy of large intestine
- 3H. Periosteum.

(3×8 = 24 marks)

