

MANIPAL UNIVERSITY

FIRST MBBS DEGREE EXAMINATION – MAY/JUNE 2009

SUBJECT: ANATOMY: PAPER - I (ESSAY)

Monday, May 25, 2009

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 relations, secretomotor pathway, microscopic structure and applied aspects of the parotid gland.

(3+2+2+1 = 8 marks)

2. Describe the fissures and lobes, nuclei and connections, functions and applied aspects of the cerebellum.

(2+3+2+1 = 8 marks)

3. **Write short notes on:**

3A. Erb's point

3B. Chromosomes

3C. Ciliary ganglion

3D. Deltoid muscle

3E. Notochord

3F. Vertebral artery

3G. Vocal folds

3H. Thenar and Midpalmar spaces

(3×8 = 24 marks)

MANIPAL UNIVERSITY

FIRST MBBS DEGREE EXAMINATION – MAY/JUNE 2009

SUBJECT: ANATOMY – PAPER II (ESSAY)

Tuesday, May 26, 2009

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 capsules, lobes, relations and microscopic structure of the prostate gland.
(1+2+3+2 = 8 marks)

2. Describe with the help of a labelled diagram the impressions and relations on the mediastinal surface of the right and left lungs. Give the microscopic structure of the lung.
(3+3+2 = 8 marks)

3. **Write short notes on:**
 - 3A. Profunda femoris artery
 - 3B. Microscopic structure of uterus
 - 3C. Periosteum
 - 3D. Ligaments of spleen
 - 3E. Dorsalis pedis artery
 - 3F. Bare areas of the liver
 - 3G. Medial meniscus of the knee joint
 - 3H. Anterior relations of the left kidney

(3×8 = 24 marks)