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## MANIPAL UNIVERSITY

FIRST MBBS DEGREE EXAMINATION – AUGUST 2010

SUBJECT: ANATOMY: PAPER - I (ESSAY)

Tuesday, August 10, 2010

Time: 10:20 – 13:00 Hrs.

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 layers of the scalp. Give its blood supply and nerve supply.

(4+2+2 = 8 marks)

2. Draw neat labelled diagrams of superolateral surface of the cerebrum to show the sulci and gyri, functional areas and the arterial supply.

(3+3+2 = 8 marks)

3. Write short notes on:

3A. Rotator cuff

3B. Triangular and quadrangular spaces

3C. Extensor retinaculum

3D. Primitive streak

3E. Trisomy 21

3F. Facial artery in the face

3G. Maxillary sinus

3H. Masseter muscle

(3×8 = 24 marks)



Reg. No.

## MANIPAL UNIVERSITY

FIRST MBBS DEGREE EXAMINATION – AUGUST 2010

SUBJECT: ANATOMY: PAPER – II (ESSAY)

Wednesday, August 11, 2010

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 pancreas under the parts, relations, development and microscopic structure.  
(1+3+2+2 = 8 marks)
2. Discuss the extent, constrictions, relations, development and histology of oesophagus.  
(1+1+3+1+2 = 8 marks)
3. Write short notes on:
  - 3A. Stomach bed
  - 3B. Blood supply of long bone
  - 3C. Microscopic structure of the ovary
  - 3D. Rectouterine pouch
  - 3E. Adductor magnus
  - 3F. Locking and unlocking of knee joint
  - 3G. Pudendal canal
  - 3H. Great Saphenous vein.

(3×8 = 24 marks)

