

MANIPAL ACADEMY OF HIGHER EDUCATION
(Deemed University)

FIRST MBBS DEGREE EXAMINATION (NEW REGULATION)

ANATOMY - PAPER I

Wednesday, 15 November 2000

Time available : 3 Hours

Maximum Marks : 50

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- * WRITE BRIEF, CLEAR, RELEVANT AND LEGIBLE ANSWERS
* ILLUSTRATE YOUR ANSWERS WITH DIAGRAMS AND FLOW CHARTS WHEREVER APPROPRIATE.
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1. Describe the **thyroid gland** under following headings :

- 1A. Parts
- 1B. Capsules
- 1C. Relations
- 1D. Development and anomalies

(1+2+4+3 = 10 marks)

2. Describe the **radial nerve** under following headings :

- 2A. Origin
- 2B. Course
- 2C. Branches and distribution
- 2D. Applied Anatomy

(1+1+6+2 = 10 marks)

3. Describe briefly on :

(4x3 = 12 marks)

- 3 A. Medial wall of middle ear cavity
- 3 B. Corpus callosum
- 3 C. Intra-embryonic mesoderm

4. Write short notes on :

(3x6 = 18 marks)

- 4A. Masseter
- 4B. Tentorium cerebelli
- 4C. Central sulcus of brain
- 4D. Mamillary body
- 4E. Karyotyping
- 4F. Epiphysis

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ANATOMY - PAPER II

Thursday, 16 November 2000

Time available : 3 Hours

Maximum Marks : 50

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- * WRITE BRIEF, CLEAR, RELEVANT AND LEGIBLE ANSWERS
* ILLUSTRATE YOUR ANSWERS WITH DIAGRAMS AND FLOW CHARTS WHEREVER APPROPRIATE.
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1. Describe the **anal canal** under following headings :

- 1A. Interior
- 1B. Musculature
- 1C. Development
- 1D. Applied anatomy

(3+3+2+2=10 marks)

2. Describe the **adductor magnus** under following headings :

- 2A. Origin
- 2B. Insertion
- 2C. Openings
- 2D. Nerve supply
- 2E. Actions

(2+2+2+2+2=10 marks)

3. Describe briefly on :

(4x3=12 marks)

- 3 A. Lymphatic drainage of stomach
- 3 B. Lobes of prostate
- 3 C. Sinuses of pericardium

4. Write short notes on :

(3x6=18 marks)

- 4 A. Greater omentum
- 4 B. Meckel's diverticulum
- 4 C. Brachiocephalic veins
- 4 D. Superficial cardiac plexus
- 4 E. Histology of ileum
- 4 F. Histology of ovary