

MANIPAL ACADEMY OF HIGHER EDUCATION
(Deemed University)

FIRST MBBS DEGREE EXAMINATIONS – JANUARY 2003

SUBJECT: ANATOMY – PAPER I

Wednesday, January 08, 2003

Time available: 3 Hours

Maximum Marks: 50

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- **Illustrate your answers with diagrams and flow charts wherever appropriate**
- **Write brief, clear, relevant and legible answers**
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1. Describe the Temporomandibular joint under articular surfaces, capsule, disc, ligaments, movements with muscles involved.

(1+1+1+2+5= 10 marks)

2. Describe the Fourth ventricle of the brain. Draw a neat labelled diagram of its floor.

(5+5 = 10 marks)

3. Write briefly on:

3A. Enumerate boundaries and contents of Digastric triangle

3B. Pectoral muscles

3C. Chorionic Villi.

(4 x 3 = 12 marks)

4. Write short notes on :

4A. Falx Cerebri

4B. Middle meatus of nasal cavity

4C. Flexor retinaculum of hand

4D. Median cubital vein

4E. Turner's syndrome

4F. Fibrous joints.

(6 x 3 = 18 marks)

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FIRST MBBS DEGREE EXAMINATIONS – JANUARY 2003

SUBJECT: ANATOMY– PAPER II
Thursday, January 09, 2003

Time available: 3 Hours

Maximum Marks: 50

➤ Illustrate your answers with diagrams and flow charts wherever appropriate

➤ Write brief, clear, relevant and legible answers

1. Describe the Portal Vein under
formation
relations
tributaries
sites of portocaval anastomosis.

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

2. Describe the internal features of Right atrium of heart. Give its development in brief and mention anomalies.

(6+2+2 = 10 marks)

3. Write briefly on:

- 3A. Lobes and coverings of prostate gland
3B. Adductor canal
3C. Broad ligament of uterus

(4 x 3 = 12 marks)

4. Write short notes on :

- 4A. Rectouterine pouch
4B. Linea alba
4C. Great Saphenous vein
4D. Popliteus muscle
4E. Microscopic structure of large intestine
4F. Microscopic structure of ureter.

(3 x 6 = 18 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
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FIRST MBBS DEGREE EXAMINATIONS – JULY 2003

SUBJECT: ANATOMY– PAPER I

Monday, July 07, 2003

Time available: 3 Hours

Maximum Marks: 50

- Illustrate your answers with diagrams and flow charts wherever appropriate.
- Write brief, clear, relevant and legible answers.

1. Enumerate the boundaries and contents of carotid triangle of the neck. Add a note on sternocleidomastoid muscle. (6+4=10 marks)
2. Draw labelled diagrams of the following:
- 2A. Cross section of Pons at level of facial colliculus (lower part)
- 2B. Cross section of medulla oblongata at the level of pyramidal decussation. (5+5=10 marks)
3. Write briefly on: (4×3=12 marks)
- 3A. Interior of larynx
- 3B. Third part of axillary artery
- 3C. Implantation
4. Write short notes on: (3×6=18 marks)
- 4A. Ciliary ganglion
- 4B. Tentorium cerebelli
- 4C. Palmar aponeurosis
- 4D. Pulp spaces
- 4E. Types of chromosomes
- 4F. Primary cartilaginous joints.



MANIPAL ACADEMY OF HIGHER EDUCATION
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FIRST MBBS DEGREE EXAMINATIONS – JULY 2003

SUBJECT: ANATOMY– PAPER II

Tuesday, July 08, 2003

Time available: 3 Hours

Maximum Marks: 50

➤ Illustrate your answers with diagrams and flow charts wherever appropriate.

➤ Write brief, clear, relevant and legible answers.

1. Describe the Duodenum under parts

1A. Relations of second part

1B. Internal features of second part

1C. Development of duodenum

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

2. Describe the right lung under

2A. Coverings and nerve supply

2B. Lobes

2C. Broncho pulmonary segments

2D. Applied aspects

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

3. Write briefly on:

3A. Inguinal rings

3B. Various positions of vermiform appendix

3C. Obturator nerve

(4×3=12 marks)

4. Write short notes on:

4A. Coverings of prostate

4B. Bare area of liver

4C. Tibial collateral ligament of knee joint

4D. Flexor retinaculum of ankle

4E. Microscopic structure of testis

4F. Microscopic structure of Ileum.

(3×6=18 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION

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FIRST MBBS DEGREE EXAMINATION – DECEMBER 2003**SUBJECT: ANATOMY – PAPER I**

Monday, December 15, 2003

Time available: 3 Hours

Maximum Marks: 50

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- Illustrate your answers with diagrams and flow charts wherever appropriate.
- Write brief, clear, relevant and legible answers.
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1. Describe the arterial supply and venous drainage of the face. Give its applied anatomy.
(4 + 4 + 2 = 10 marks)

2. Describe the shoulder joint under articular surfaces, capsule, ligaments, movements and muscles causing them, applied aspects.
(2 + 1 + 2 + 3 + 2 = 10 marks)

3. Write briefly on:
 - 3A. Interior of Larynx
 - 3B. Arterial supply of superolateral and medial surface of cerebrum
 - 3C. Intra embryonic mesoderm.(4 × 3 = 12 marks)

4. Write short notes on:
 - 4A. Superior orbital fissure
 - 4B. Development of thyroid gland
 - 4C. Inferior olivary nucleus
 - 4D. Broca's motor speech area
 - 4E. Klinefelter's syndrome
 - 4F. Diaphysis.(3 × 6 = 18 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION

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FIRST MBBS DEGREE EXAMINATION – DECEMBER 2003**SUBJECT: ANATOMY– PAPER II**

Tuesday, December 16, 2003

Time available: 3 Hours

Maximum Marks: 50

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- Illustrate your answers with diagrams and flow charts wherever appropriate.
- Write brief, clear, relevant and legible answers.
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1. Describe the kidneys under:

- 1A. Situation
- 1B. Coverings
- 1C. Relations
- 1D. Development.

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

2. Describe the gluteus maximus under:

- 2A. Attachments
- 2B. Structures under cover
- 2C. Nerve supply
- 2D. Actions
- 2E. Applied aspects.

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

3. Write briefly on:

- 3A. Fallopian tube
- 3B. Superior mesenteric artery
- 3C. Bronchopulmonary segments of left lung

(4 × 3 = 12 marks)

4. Write short notes on:

- 4A. Visceral surface of liver
- 4B. Descent of testis
- 4C. Inter costal muscles
- 4D. Ductus arteriosus
- 4E. Microscopic structure of esophagus
- 4F. Microscopic structure of gall bladder.

(3 × 6 = 18 marks)

