



All India Institute of Medical Sciences, Kalyani

First Professional MBBS Supplementary Examination (Batch-2021)

Time: 3 Hrs.

Anatomy (Paper-I)

Marks: 100

INSTRUCTIONS:

- Answer all questions.
- Illustrate your answers with well labelled diagram wherever necessary.
- Answer each section in a separate answer book.

SECTION - A (50 MARKS)

General Anatomy, General Histology, General Embryology, Genetics, Upper Extremity and Lower Extremity

Long answer question:

[3+3+3+1=10]

1. Describe the formation, relations, branches and applied anatomy of Brachial plexus.

Write Short notes on:

[5X5=25]

2. Features of Synovial joint with a labelled diagram.
3. Course and termination of Great saphenous vein.
4. Karyotyping and Criteria for classification of chromosomes in karyotyping.
5. Process of Spermatogenesis.
6. Compare and contrast histology of Spinal and Sympathetic ganglia.

Answer in brief:

[5X3=15]

7. Write the constituents of Placental barrier.
8. Write a brief note on formation and compartments of femoral sheath.
9. Anastomosis around elbow joint.
10. Types of epiphyses with example.
11. Enumerate the muscles attached to the Linea aspera.

SECTION - B (50 MARKS)

Abdomen, Pelvis & Perineum (with related histology and embryology)

Long answer question:

[1+3+2+4=10]

1. Describe in detail the Pancreas under following headings.
 - a. Parts
 - b. Relations
 - c. Blood supply
 - d. Development and anomalies related.

Write Short notes on:

[5x5=25]

2. Walls of Inguinal canal.
3. Anterior relations of Kidneys.
4. Microscopic structure of Large intestine.
5. Paramesonephric duct and list any 3 of its derivatives.
6. Lesser sac.

Answer in brief:

[5x3=15]

7. Enumerate the branches of internal iliac artery.
 8. Mention the structures forming Stomach bed.
 9. Explain the anatomical basis of referred pain in appendicitis.
 10. Boundaries and contents of ischiorectal fossa.
 11. Compare and contrast male and female bony pelvis.
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