



All India Institute of Medical Sciences, Kalyani

Fourth Professional MBBS Supplementary Examination, May 2025

Time: 3 Hrs.

General Surgery (Paper-II)

Marks: 100

Instructions for Section-B, C & D:

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

SECTION – B (30 MARKS)

Long Answer Questions:

[1×10=10]

1. 32 years old male patient presented with Obstructive Jaundice. (2+3+2+3)
 - a. Enumerate the causes of obstructive Jaundice.
 - b. How to investigate the case?
 - c. How do you prepare a patient with choledocholithiasis before operation?
 - d. Treatment options for CBD stone.

Short Answer Questions:

[4×5=20]

2. Intussusception
3. Anal fissure
4. Mirizzi syndrome.
5. Discuss various surgical options for management of bladder outflow obstruction secondary to benign prostatic hyperplasia.

SECTION – C (34 MARKS)

Long Answer Questions:

[1×10=10]

1. Enumerate the causes of scrotal swelling. How will you manage a 32-year male patient visiting you in surgery OPD with complaint of left sided scrotal swelling? (4+6)

Short Answer Questions:

[6×4=24]

2. MANTRELS Score
3. Courvoisier's law
4. Complications of gallstones
5. Capsule Endoscopy.
6. Anatomy of Prostate
7. Enumerate the common causes of upper GI bleeding

SECTION – D (16 MARKS)

ANAESTHESIOLOGY

1. Name two regional anaesthesia techniques. Name the anaesthetic agents used for maintenance of general anaesthesia. (2+2)
 2. What are the three systems in anaesthesia machine? What is the typical pressure of the central pipeline? (3+1)
 3. Define multimodal analgesia. What are the side effects of opioids? (2+2)
 4. Classify neuromuscular blockers with examples. Name the commonly used reversal agent. (3+1)
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