



All India Institute of Medical Sciences, Kalyani

Fourth Professional MBBS Supplementary Examination, March 2024

Time: 3 Hrs.

GENERAL SURGERY

Marks: 100

(Paper-I)

INSTRUCTIONS:

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

SECTION - A (40 MARKS)

1. A 40 years old female presented with 5 x 5 cm breast lesion with regional lymphadenopathy. (2+4+4=10)
 - a. Give differential diagnosis
 - b. Describe the clinical features of breast carcinoma
 - c. Describe the management of locally advanced breast cancer?

Short answer questions :-

(6×5=30)

2. Discuss about the factors influencing healing of a wound.
3. Graves diseases
4. Management of hyperkalemia
5. Gangrene.
6. Pressure Sore and its management.
7. Liver Function Tests

SECTION - B (40 MARKS)

1. 58-year-old male patient with history of chronic smoking for last 20 years presented with complaints of pain in left lower limb while walking for last 3 months. He had to take rest while walking only 50 meters & pain reduces spontaneously after taking some rest. (1+1+3+5=10)
- a. What is your provisional diagnosis?
 - b. What may be the differential diagnoses?
 - c. How can you classify the disease based on severity?
 - d. How can you manage the patient?

Short answer questions :-

(6×5=30)

2. Rule of nine in burns
3. Hirschsprung's disease
4. Marjolin Ulcer
5. Skin grafting
6. Differentiate between burgers disease and atherosclerosis
7. Intercostal drainage.

SECTION - C (20 MARKS)
ORTHOPAEDICS

1. Define "Open Fracture". Classify open fracture according to Gustilo-Anderson Classification. Classify Hemorrhagic shock and mention the treatment options for each. (0.5+2+2.5=5)
2. Enumerate the different stage of benign bone tumors according to Enneking. Write a short note on osteochondroma including clinical presentation, diagnosis and treatment options. (2.5+2.5=5)
3. Write a short note on clinical presentation, diagnosis and treatment options of CARPAL TUNNEL SYNDROME. (1.5+1.5+2=5)
4. Write a short note on clinical presentation and management of COMPARTMENT SYNDROME. (3+2=5)



All India Institute of Medical Sciences, Kalyani

Fourth Professional MBBS Supplementary Examination, March 2024

Time: 3 Hrs.

GENERAL SURGERY

Marks: 100

(Paper-II)

INSTRUCTIONS:

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

SECTION - A (40 MARKS)

1. A 60-year-old man presented to surgery OPD with c/o painless progressive jaundice for past 3 months. It was associated with upper abdominal vague discomfort. H/o loss of weight and loss of appetite present in last 5 months. He was also complaints of black tarry stool 1 month back. On examination-Jaundice ++, soft cystic lump palpable in RUQ of abdomen **(1+2+5+2=10)**
 - a. What is your provisional diagnosis?
 - b. What are the differential diagnoses?
 - c. How will you manage this case?
 - d. What is Charcot's triad and Raynaud's Pentad?

Short answer questions :-

(6×5=30)

2. Management of Hydatid cyst of Liver
3. Meckel's diverticulitis
4. Surgical anatomy of the Calots triangle
5. Mirrizi's syndrome
6. OPSI
7. Amoebic Liver Abscess.

SECTION - B (40 MARKS)

1. A 65-year-old man presented to the Trauma & Emergency with pain abdomen and non- passage of urine since last 12 hours. Abdominal examination revealed a distended bladder in the hypogastrium. Per rectal examination revealed enlarged prostate gland with rectal mucosa freely movable over it. (1+4+5=10)
- a. What is the provisional diagnosis?
- b. How will be manage the current situation?
- c. How will you work up the patient for further definitive management?

Short answer questions :-

(6×5=30)

2. Wilm's Tumor
3. Phimosis
4. Types of renal stones
5. Complications of TURP.
6. Surgical anatomy of prostate gland
7. Varicocele

SECTION - C (20 MARKS)
ANAESTHESIOLOGY

1. Enumerate four intravenous induction agents, and four inhalational anaesthetic agents. Classify muscle relaxants. (2+1+2=5)
 2. Enumerate four risk factors for PONV, two complications associated with it, and four drugs for prevention of it. (2+1+2=5)
 3. Enumerate modified mallampati score with labeled diagram. Which grades are considered as difficult airway? (2+2+1=5)
 4. Enumerate operative fasting guidelines, and four components of basic anaesthetic monitoring. Enumerate two shockable rhythms. (2+2+1=5)
-