



All India Institute of Medical Sciences, Kalyani
Fourth Professional MBBS Examination, January 2024

Time: 3 Hrs.

GENERAL SURGERY
(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 (40 MARKS)

1. 19 yrs. old boy from a village of west Bengal came in the emergency with history of fall from a mango tree and injury to the left side of chest and abdomen 2 hours ago. On examination there was abrasion and bruise over the left flank and left hypochondriac region. On Admission, Pulse-123/min, BP-92/56mmhg and saturation was 92 % in room air. Abdomen was tender and there was voluntary guarding. **(4+3+3=10)**
- a. How do you assess the patient in the emergency?
 - b. How do you resuscitate the patient?
 - c. How do you monitor the patient after resuscitation?

Short answer questions :-

(6×5=30)

2. Compartment syndrome
3. Discuss about the causes of persistence of sinus or fistula.
4. Damage Control Resuscitation
5. Classify Burn wounds. How do you assess the percent of burn?
6. Universal precautions
7. Rodent Ulcer-Classification and management.

SECTION - B (40 MARKS)

1. 34 yrs. old male patient presented with huge swelling front of neck for 1yrs. The swelling moves up & down with deglutition and patient was also having exophthalmos. On Examination: Features of hyperthyroidism was present. After necessary investigation operation was planned. (3+3+4=10)
- How will you investigate the patient?
 - How will you prepare the patient pre-operatively?
 - What are the complications of surgery and how do you manage it?

Short answer questions :-

(6×5=30)

- Glasgow coma scale
- Enhanced recovery after surgery
- BIRADS and its Implications.
- Discuss the endovascular treatments for varicose vein.
- ANDI.
- Branchial cyst

SECTION - C (20 MARKS)

ORTHOPAEDICS

- 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)
- Enumerate the different stage of benign bone tumors according to Enneking. Write a short note on Giant cell tumor including clinical presentation, diagnosis and treatment options. What is the role of DENOSUMAB in the management of giant cell tumor? (1.5+2.5+1=5)
- Mention in brief the Seddon's classification of nerve injury. How the Erb's Palsy differ from Klumpke's palsy? (2+3=5)
- Classify Fracture neck femur according to Gardens and Pauwels. Write in detail the blood supply of femoral neck and head with diagram. Why this fracture is usually treated on emergency basis. What is the most commonly used treatment options in a sub-capital neck femur fracture in 70-year-old? (1+2.5+1+0.5=5)