



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

Time: 3 Hrs.

GENERAL MEDICINE
(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. A 76-year-old male chronic smoker and hypertensive since last 40 yrs has presented at emergency department with complaints of sudden onset weakness of left half of body, deviation of angle of mouth to the right side and altered sensorium since morning.

[2+(2.5+2.5)+3=10]

- a. What are the differential diagnosis?
- b. How do you approach to diagnose and manage this case?
- c. Briefly outline the anatomy of cerebral circulation.

Discuss the management of :-

(3×5=15)

2. Pneumothorax
3. A 67-year-old patient of chronic kidney disease stage V with serum potassium of 6.1 mEq/L and corresponding ECG changes in the emergency department
4. Ulcerative colitis

Write short notes on: -

(3×5=15)

5. Babinski sign
6. Approach to abdominal pain
7. Clinical Features- Klinefelter's syndrome and Turner's syndrome

(2.5+2.5)

SECTION - B (40 MARKS)

1. A 28-year-old presented to the emergency with high grade fever of 10 days duration with headache, vomiting, blurring of vision and altered sensorium. On clinical examination the patient was febrile with neck stiffness. (2+3+2+3=10)
- List the differential diagnosis.
 - Describe the clinical approach with the laboratory investigations required to make the etiological diagnosis.
 - Mention the complications of the most likely diagnosis.
 - Outline the treatment of the most likely diagnosis.

Discuss the clinical features of :-

(3×5=15)

- Heart failure
- Acute pancreatitis
- Renal tubular acidosis

Write short notes on :-

(3×5=15)

- Peripheral signs of Chronic Aortic Regurgitation
- Principles of Injection safety
- Urinary tract infection – etiology, clinical features, management

(1+2+2)

SECTION - C (20 MARKS) DERMATOLOGY

Write short notes on :-

(4×5=20)

- Define syndromic management of sexually transmitted infections. Enumerate the content of each kit. (2+3)
- Describe Ridley-Jopling classification system of leprosy. Describe the clinical features of a borderline tuberculoid (BT) skin lesion. (3+2)
- Enumerate the viruses causing skin infection and the diseases caused by each of them. Describe the skin lesion of molluscum contagiosum (3+2)
- Name the conditions where intraepidermal bullae are formed. Explain acantholysis in brief. (2.5+2.5)