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

Time: 3 Hrs.   **GENERAL MEDICINE**   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 26-year-old farmer presented to the Emergency department with sudden onset acute pain abdomen and passage of dark colored urine since morning. On enquiry, it was found that he had slept on the floor on previous night and there was history of unknown bite.   **(2+5+3=10)**

    a. What are the possible differential diagnosis?

    b. How do you manage a case of snake bite?

    c. How to differentiate between neurotoxic vs hematotoxic snake bite?

How will you investigate :-   **(3×5=15)**

2. Systematic lupus erythematosus (SLE)
3. A 38-year-old lady with Haemoglobin = 5 g/dl
4. A 28-year-old with polyarthritis

Write short notes on :-   **(3×5=15)**

5. Clubbing
6. Megaloblastic anemia
7. Systemic sclerosis

SECTION – B (40 MARKS)

1. A 45-year-old male from Bihar has presented to medicine OPD with complaints of fever since last 3 months along with anorexia and weight loss around 5 kgs over last 3 months. On examination, he was found to have pallor and hepatosplenomegaly   (2+2+6=10)

   a. What are the possible differential diagnosis?
   b. How do you define Disseminated tuberculosis?
   c. How do you investigate and manage a case of disseminated tuberculosis?

Discuss the treatment of :-   (3×5=15)

2. Complicated Malaria
3. Diabetic ketoacidosis
4. Dengue fever

Write short notes on :-   (3×5=15)

5. Medical ethics
6. Sepsis
7. Lupus nephritis

SECTION – C (20 MARKS)
PSYCHIATRY

1. Describe in brief the symptoms of mania. Describe the principles of management of sleep disturbances in mania.   (2+2=4)
2. Enumerate the drugs that are used in the management of depression. Mention the common side effects of tricyclic antidepressants.   (2+2=4)

Write briefly on the following: -   (4×3=12)

3. Delirium tremens
4. Extrapyramidal symptoms
5. Exposure and response prevention therapy
6. Agoraphobia