

Time: 3 hours

Max.Marks:75

**Note:** This question paper contains two parts A and B. Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

**PART- A****(25 Marks)**

- 1.a) Define a laxative and a purgative. Give an example each. [2]
- b) Define carminative, demulcent and adsorbent. Give examples for each. [3]
- c) What is gray baby syndrome? [2]
- d) Write a short note on Fanconi syndrome? How is it managed? [3]
- e) Name any two fungal diseases and their treatment. [2]
- f) Which are the first line drugs for urinary tract infection? How is it caused? [3]
- g) Name the types of amoebiasis and drugs intended for treatment. [2]
- h) Enumerate the toxicities of cyclophosphamide. [3]
- i) Name any two diagnostic agents. [2]
- j) List the symptoms of opioid poisoning. [3]

**PART-B****(50 Marks)**

2. Classify anti-emetics giving an example each. Explain their mechanism of action. List any two uses and side effects of each. [10]

**OR**

3. Classify anti-diarrheal agents. Explain the treatment employed in diarrhea. [10]
4. Describe the properties of aminoglycosides. Explain the toxicities of streptomycin. [10]

**OR**

5. With a neat, labelled diagram of a bacterial ribosome, explain the mechanisms of chloramphenicol and erythromycin. Give their clinical uses. [10]

6. Classify drugs used for the treatment of leprosy. Explain their mechanism of action. Give its uses and side effects. [10]

**OR**

7. Classify antifungal drugs with examples. Describe the mechanism of action of any two classes. Enumerate their therapeutic uses and list their side effects. [10]

8. Classify neoplastic agents. Describe the mechanism of action of anti-metabolites. List its uses and toxic effects. [10]

**OR**

9. Depict the life cycle of anopheles mosquito. Explain the various stages. Show the sites of action of anti-malarial drugs. [10]

10. What are the signs and symptoms of mercurial poisoning? How is it caused? Explain the treatment. Write a short note on Minamata disease. [10]

**OR**

11. Explain the signs and symptoms of barbiturate poisoning. Describe its management. [10]