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DEC-23-0085

BP-602 T (Pharmacology-III)

B.Pharm-6th (PCI)

Time : 3 Hours

Max. Marks : 75

Note: Section A is Compulsory, attempt all questions in this section. Attempt any Two questions from Section B and Seven questions from Section C.

SECTION-A

(10×2 = 20)

Short Answer (Compulsory)

1. A. What are expectorants?
- B. Give any two examples of mast cell stabilizers.
- C. Give two examples of appetite stimulants.
- D. Write any two side-effects of anti-fungal drugs.
- E. What are side effects of expectorants?
- F. Write name of any two protozoan diseases in humans.
- G. Write any two examples of immunostimulants.
- H. Write examples of any two monoclonal antibodies used clinically.
- I. What is synergism in drugs?
- J. Give examples of any two organophosphorous compounds used as pesticides.

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SECTION-B

BP-602 T
(10×2=20)

Long Answer (Any Two)

2. Explain the pathophysiology of tuberculosis. Describe the various drugs used for treatment of tuberculosis along with their mechanism of action and side effects.
3. What are fluoroquinolone antibiotics? Describe the classification, mechanism of action, clinical uses and side effects of fluoroquinolone antibiotics.
4. Explain the pathophysiology of peptic ulcer. Describe the classification of anti-ulcer drugs along with their mechanism of action and side effects.

SECTION-C

(7×5=35)

Short Note Answer (Any Seven)

5. Describe the general principles for treatment of organophosphate poisoning.
6. Describe the reasons for diarrhea. Write about the drugs used for the treatment of diarrhea.
7. Elaborate the significance of combining amoxicillin with clavulanic acid.
8. Elaborate the treatment guidelines for malaria.
9. Describe the mechanism of action, clinical indications and adverse effects of any two immunosuppressant.
10. Explain the mechanism of antibiotic resistance in sulfonamides.
11. Define mutagenicity and teratogenicity with suitable examples.
12. What is circadian rhythm? Explain the significance of chronopharmacology in pharmacotherapeutics.
13. Describe the mechanism of action and adverse effects of anti-metabolites.