

Pharmacology

M.M. : 90

Time : 3 Hours

Section - A

All questions are compulsory. Answer to each question upto 5 lines in length. Each question carries 2 Marks. [20]

Explain why?

1. Aluminium hydroxide is combined with magnesium hydroxide in various antacid preparation.
2. Trimethoprim is usually combined with Sulfamethoxazole.
3. Corticosteroid should be withdrawn gradually.
4. Adrenaline is the drug of choice in Anaphylactic shock.
5. Diabetic patients on Sulfonylureas should refrain from taking alcohol.
6. Folinic acid is preferred over folic acid for amelioration of methotrexate toxicity.
7. Progestins are combined with estrogens for contraception.
8. Sulbactam is combined with ampicillin.
9. Onset of anticoagulant effects of heparin is faster than that of Warfarin sodium.
10. Radioactive iodine is avoided in pregnant woman and children.

Section - B

Attempt any 8 questions. Answer to each question upto 2 pages in length. Each question carries 5 Marks. [40]

1. Enlist the uses and adverse effects of aminoglycoside antibiotics.
2. Write about low dose aspirin therapy.
3. Discuss the pharmacological basis for the use of neomycin in hepatic coma.
4. Write in brief about acute adrenal insufficiency.
5. Write the management of acute left ventricular failure.
6. Discuss about second generation H₁ antihistaminics.
7. Write about margin of safety of drugs.
8. Name the antidote for acute Paracetamol poisoning and mechanism of action.
9. Write drug treatment of Myasthenia gravis.
10. Write brief notes on Human insulin.
11. Describe therapeutic uses and adverse effects of Beclomethasone.
12. Discuss the role of chelating agents.

Section - C

Attempt any 2 questions. Answer to each question upto 5 pages in length. Each question carries 15 Marks. [30]

1. Classify Anti Thyroid agents. Discuss the pharmacotherapeutic aspects of thiourea group of drugs giving merits and demerits during their clinical use.
2. Classify the drugs used in hypertension. Give pharmacotherapy details of ACE inhibitors.
3. Describe the factors modifying drug actions, giving suitable examples.
4. Classify Fluoroquinolones. Discuss briefly the mode of action, adverse effects, indication and contraindication of Ciprofloxacin.