

**B.P.T. [2<sup>nd</sup> Prof.]**

BF/2006/11

**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. Guanethidine is not preferred as an antihypertensive agent.
2. Trihexyphenidyl is preferred over atropine in Parkinsonism..
3. Phenoxybenzamine is slower acting than Phentolamine.
4. Benzodiazepines are preferred over barbiturates as sedative hypnotic agent.
5. Ciprofloxacin should not be used in infants and children.
6. Folinic acid but not folic acid is used to treat methotrexate overdose.
7. Analapril should not be given concurrently with Triamterene.
8. Terfenadine and Erythromycin should not be given concomitantly to patients.
9. Valproic acid is not prescribed to children below the age of 3 yrs.
10. Beta-blocker alone should not be given in Pheochromocytoma.

**SECTION - B**

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

[40]

1. Discuss briefly the clinical uses, contraindications and adverse effects of Succinyl choline.
2. Write therapeutic status of Rifampicin in Leprosy.
3. Discuss briefly the pharmacological basis for the use of metformin in Obese type-II diabetic patient.
4. What is the drug treatment of Acne vulgaris.
5. What is the role of Corticosteroids in Organ transplantation.
6. Name antiretroviral agents and write about uses, side effects of Zidovridine.
7. Write mechanism of action of finasteroid in benign hypertrophy of Prostate.
8. Enumerate Tocolytic agents used in premature labour.
9. Discuss pharmacotherapy of Congestive heart failure.
10. Write in brief the mechanism of action and uses of Lignocain.
11. Discuss briefly the pharmacotherpay of Pulmonary tuberculosis.
12. Write briefly adverse effects and therapeutic uses of Furosemide.

**SECTION - C**

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

[30]

1. Classify Fluoroquinolones. Discuss briefly the mode of action, adverse effects, uses and contraindications of Ciprofloxacin.
2. Enumerate Vasodilator antihypertensive agents. Discuss their mechnism of action and side effects.
3. Enumerate Thyroid inhibitors. Discuss in brief the mechanism of action, indications and adverse effects of Propylthiuracil.
4. Classify Beta adrenoceptor blocking drugs. Give the pharmacological actions, therapeutic uses and adverse effects of Propranolol.