



Subject: Pharmacology

Paper: II

Time: 2 hrs.

Full Marks : 40

Use Separate answer script for each group*Attempt all questions. The figures in the margin indicate distribution of marks in each questions***Group- A**

1. a) Classify Antitubercular drugs. What is the regimen for treatment of a freshly detected smear positive pulmonary tuberculosis case in adult and why is this regimen based on combination of drugs? What is the important adverse reaction of ethambutol? 3+5+2
- Or
- b) Give an outline of the treatment of Parkinson's disease. Mention the drugs responsible for producing extra pyramidal symptoms. How will you treat drugs induced Parkinsonism? 6+2+2

Group-B

2. Explain why? (any three) : 3 x 3
- a) Penicillins are ineffective in Mycoplasma Pneumonia infection.
 - b) Amphotericin B liposomal preparation is better than conventional amphotericin B preparation in treatment of kala azar.
 - c) Clavulamic acid is combined with Amoxicillin.
 - d) Proton pump inhibitors are powerful suppressors of gastric acid secretion.

Group - C

3. What are the effects of (any three) : 3 x 3
- a) Lignocaine on sensory neurons.
 - b) Methotrexate on malignant cells.
 - c) Pioglitazone in diabetes mellitus.
 - d) Oxytocin on uterus.

Group -D

4. Write short notes on (any four) : 4 x 3
- a) Emergency Contraceptives.
 - b) Mifepristone.
 - c) Artemisinin derivatives in the treatment of malaria.
 - d) d-penicillamine.
 - e) Pentazocine.