

**PHARMACOLOGY****Paper – II****Time allowed : 2 Hours****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) Describe the antiretroviral drugs. Discuss different regimens and underlying mechanisms recommended for the treatment of AIDS. 5+5
- Or
- (b) Give an outline of the drug treatment of acute Rheumatic fever. ( in both adults and children ). For prevention of recurrences of such cases. What drugs should you prescribe and how long the prophylactic treatment should continue? 7+2+1

**Group – B**

2. Explain why (*any three*) : 3 x 3
- a) Lugol's Iodine is used for preparation of thyrotoxicosis.
  - b) Clomiphene citrate is indicated in the treatment of infertility
  - c) Concomitant use of Rifampicin and oral contraceptives should better be avoided.
  - d) Levopoda is combined with carbidopa in treatment of parkinsonism

**Group – C**

3. Briefly outline the mechanism of action of (*any three*) : 3 x 3
- a) Corticosteroids as anti-inflammatory agent
  - b) Bisacodyl as purgative
  - c) DPP – 4 inhibitors in type II diabetes mellitus
  - d) Colchicine in acute gout

**Group -D**

4. Write short notes on (*any four*) : 4 x 3
- a) Ondansetron
  - b) Ketoconazole
  - c) Meropenem
  - d) Anabolic steroids
  - e) Glimepiride