

**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) Enumerate drugs used in the treatment of Diabetes Mellitus. Mention the indications of Insulin in type 2 Diabetes (NIDDM) Mellitus. What is Insulin resistance ? 5+3+2
- Or (b) Enumerate anti-amoebic drugs. Mention the indications and side effects of Metronidazole. 4+4+2

**Group – B**

2. Explain why (*any three*) : 3 x 3
- a) Rifampicin is used once in a month supervised in the treatment of Leprosy
  - b) Methadone is used in morphine withdrawal.
  - c) Chloroquine is used in loading dose in the treatment of malaria.
  - d) Oestrogen and progesterone are combined together in oral contraceptive pills.

**Group – C**

3. Discuss the mechanism of action of (*any three*) : 3 x 3
- a) Propylthiouracil in hyperthyroidism.
  - b) Indomethacin in acute gout.
  - c) Amitriptyline in depression
  - d) Ciprofloxacin in typhoid fever.

**Group -D**

4. Write short notes on (*any four*) : 4 x 3
- a) Azithromycin
  - b) Carbamazepine.
  - c) Topical glucocorticoids.
  - d) Itraconazole.
  - e) Methotrexate.