

**Use Seperate answer script for each group**

*Attempt all questions. The figures in the margine 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 amonth 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 progesteronr 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) Amitryptiline 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.