

Subject : Pharmacology
Paper – II

Full Marks : 40
Time : 2 hours

Attempt all questions. The figures in the margin indicate distribution of marks in each questions

Group – A

1. (a) Mention different Insulin preparations. How will you manage a case of hypoglycaemic coma? 6+4
- Or
- (b) Enumerate antiepileptic drugs. Mention the mechanism of action, therapeutic uses and adverse drug reactions of Phenytoin sodium. 4+2+2+2

Group – B

2. Explain why (*any three*) : 3 x 3
- a) Multi drug therapy in Leprosy.
 - b) Clomiphene citrate in both male and female infertility.
 - c) Combination therapy is usually beneficial over single drug therapy in malaria.
 - d) Morphine is used in Pulmonary Edema.

Group – C

3. Write the mechanism of action of (*any three*) : 3 x 3
- a) Prostaglandin analogous in glaucoma.
 - b) Aspirin is not used in children with viral infection.
 - c) Sumatriptan in acute attack of migraine.
 - d) Intraconazole as antifungal agent.

Group -D

4. Write short notes on (*any four*) : 4 x 3
- a) Lamivudine.
 - b) Dissociative Anaesthesia.
 - c) β Lactam Antibiotics.
 - d) Erythropoietin.
 - e) Metronidazole.