

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 preparation. How will you manage a case of hypoglycaemic coma?

6+4

Or

(b) Enumerate commonly used glucocorticoids. Briefly describe the role of corticosteroids in Bronchial asthma. Mention the contraindication of corticosteroids. Name one glucocorticoid receptor antagonist with its use.

3+3+3+1

Group – B

2. Explain why (*any three*) :

3 x 3

- a) Carbidopa cannot be used as monotherapy in Parkinson's disease.
- b) Multi drug therapy in Leprosy.
- c) Metronidazole is combined with diloxanide Furoate in the treatment of intestinal amoebiasis.
- d) N acetyl Cysteine is used in Paracetamol poisoning

Group – C

3. Write the mechanism of action of (*any three*) :

3 x 3

- a) Itraconazole as anti fungal agent.
- b) Benzodiazepine as hypnotic.
- c) Clomiphene Citrate in both male and female infertility.
- d) Succinyl Choline as muscle relaxants.

Group -D

4. Write short notes on (*any four*) :

4 x 3

- a) Lamivudine
- b) Rifampicin
- c) HAART Therapy
- d) Amikacin
- e) Dissociative anaesthesia