

Subject : Pharmacology
Paper – II

Full Marks : 40
Time : 2 hours

Use Seperate answer script for each group

Attempt all questions. The figures in the margine indicate full marks

Group – A

1. (a) Enumerate antiepileptic drugs. Discuss the mechanism of action of sodium valproate as an anticonvulsant. Outline the treatment strategy of status epilepticus. 4+3+3

Or

- (b) Enumerate oral antidiabetic drugs. Discuss the mechanism of action of biguanides. Outline the treatment of hyperosmolar diabetic coma. 3+2+5

Group – B

2. Explain why (*any three*) : 3 x 3
- a) Ciprofloxacin and theophylline should not be co-prescribed.
 - b) Gluco-corticoids should be tapered off gradually after long term therapy.
 - c) Metronidazole is to be avoided in chronic alcoholics.
 - d) Alphacalcidol is effective in renal rickets

Group – C

3. Discuss the mechanism of action of (*any three*) : 3 x 3
- a) Triptans in Migraine.
 - b) Fluconazole as antifungal agent
 - c) Prpyl thiouracil in hyperthyroidism
 - d) Pantoprazole in peptic ulcer

Group -D

4. Write short notes on (*any four*) : 4 x 3
- a) Super infections.
 - b) Chloroquin
 - c) Methotrexate.
 - d) Emergency contraceptives.
 - e) Propafol