

B.Pharm. Semester–V (C.B.S.) Examination**PHARMACOLOGY–III****Paper–3**

Time : Three Hours]

[Maximum Marks : 80

N.B. :— (1) Question No. 1 is compulsory.(2) Attempt any **four** questions out of remaining.

(3) All questions carry marks as indicated.

(4) Draw neat labelled diagram wherever necessary.

1. Solve any **five** questions of the following :

(a) Explain mechanism of Action of Benzodiazepins.

(b) Classify Prokinetic Agents and explain their mechanism of Action.

(c) Explain disulfiram reaction in alcoholics.

(d) Write a note on Mucolytic Agents.

(e) Explain various phases of clinical trials.

(f) Explain various stages of General Anaesthesia.

(g) Explain mechanism of action and therapeutic effect of phenytoin. 20

2. Classify drugs used in peptic ulcer. Explain mechanism of action, adverse drug reaction and therapeutic effect of PPI proton pump inhibitors. 15

3. Describe etiopathogenesis and symptoms of Parkinson disease; classify Anti-Parkinsonian drugs. Discuss pharmacology of Levodopa. 15

4. Discuss various types of Epilepsy. Classify antiepileptic drugs. Write P'cology of Valproic Acid and Gaba pentin. 15

5. Write pathophysiology of Asthma. Explain in brief pharmacology of drug used in its treatment. 15

6. Classify Opioid Analgesics. Add a note on pharmacology of Morphine. Add a note on opioid antagonist. 15

7. Write short notes on the following (any **three**) :

(a) Anti emetics.

(b) CNS Stimulants.

(c) Expectorant.

(d) Alzheimer disease. 5×3