

**Fifth Semester Examination for the Degree
of Bachelor of Pharmacy**

PHARMACOLOGY III

5 T 3

Time : Three Hours]

[Max. Marks : 80

- N. B. : (1) Question No. 1 is compulsory.
(2) Solve any **four** questions from the remaining.
(3) Draw neat labelled diagram wherever necessary.

1. Attempt any **five** :—

- (a) Write clinical significance of Disul firam.
- (b) Explain mechanism of action of Barbiturates.
- (c) Mention different classes of preanesthetic medications and write their significance.
- (d) Write a note on mucolytics.
- (e) Describe therapeutic significance of ILeukotriene antagonists.
- (f) What is informed consent form ? Explain.
- (g) Write in brief about selective serotonin reuptake inhibitors. 20

2. Enlist various central neurotransmitters. Describe any one class in detail. 15

3. (a) What are Neurodegenerative disorders ? Explain pathology and drug therapy of Parkinsonism. 10

(b) Write a note on CNS stimulants. 5

4. (a) Write in brief about various types of epilepsy. 5

(b) Classify anticonvulsant drugs and write pharmacology of one drug from each class. 10

5. Write pharmacology of any **two** classes of drugs :—

- (a) Phenothiazines
- (b) Methyl xanthines
- (c) Benzodiazepines. 15

6. (a) Describe importance of clinical trials in new drug development. 10

(b) Write a note on Helsinki's declaration. 5

7. Write short notes on any **two** :—

- (a) Local anesthetics
- (b) Anti emetics
- (c) Investigator Brochure. 15