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(Pages : 2)

Name.....

Reg. No.....

**THIRD SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, NOVEMBER 2025**

(CBCSS)

Forensic Science

FSC 3E 17—PHARMACOLOGY AND PHARMACEUTICAL DRUG ANALYSIS

(2019 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

I. Answer any *four* of the following. Short Answer Type Questions. Weightage 2 :

- 1 Write a note on pharmacodynamics.
- 2 What is meant by Bioaccumulation ?
- 3 What is drug abuse ?
- 4 Write a note on Aliphatic Alcohols.
- 5 What are Tranquillizers ?
- 6 Write a brief on psychotropic substances.
- 7 What are Chemotherapeutic drugs ?

(4 × 2 = 8 weightage)

II. Answer any *four* of the following. Short Essay Type Questions. Weightage 3 :

- 8 Write a note on drug and drug receptor mechanisms.
- 9 Elucidate on dose response relations.
- 10 Write a note on L-ADME in Pharmacokinetics.
- 11 Discuss the General anaesthetics.
- 12 What are Sedatives ?
- 13 Give a brief on Hallucinogens.
- 14 What are Antibacterial drugs ?

(4 × 3 = 12 weightage)

Turn over

III. Answer any *two* of the following. Long Essay Type Questions. Weightage 5 :

- 15 Describe postmortem redistribution of drugs. Add a note on its significance on post mortem toxicology.
- 16 Elucidate on drug interactions.
- 17 Write a note on CNS Stimulants and their potential for drug dependence.
- 18 What are doping drugs ? How are they detected in the blood stream ?

($2 \times 5 = 10$ weightage)