D 150321 **(Pages : 2)** **Name.....**

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE (CBCSS) REGULAR / SUPPLEMENTARY EXAMINATION, NOVEMBER 2026

Forensic Science

FSC3E17—PHARMACOLOGY AND PHARMACEUTICAL DRUG ANALYSIS

(2020 Admission onwards)

Time : Three Hours Maximum : 30 Weightage

I. Answer any *four* of the following (Short Answer type questions)

1 What is the meaning of Pharmacology ?

2 What is the meaning of pharmacokinetics ?

3 Name two aliphatic alcohols of forensic importance.

4 What are antipsychotic agents ?

5 What are designer drugs ?

6 What are antifungal agents ?

7 What are CNS stimulants ?

(4 × 2 = 8 weightage)

II. Answer any *four* of the following (Short essay type questions)

8 Explain the basic principles of drug-receptor mechanisms.

9 What is post-mortem redistribution ?

10 Write a short note on sedative and hypnotic drugs.

11 What are schedule and non-scheduled drugs ?

12 Explain the importance of antibacterial drugs.

13 Mention the major groups of drugs covered under chemotherapeutic agents in the syllabus.

14 Differentiate bioavailability from bioaccumulation.

(4 × 3 = 12 weightage)

Turn over

1143

III. Answer any *two* of the following (Long essay type questions)

15 Explain drug-receptor mechanisms and pharmacodynamics.

16 Discuss drug interactions with reference to agonism, antagonism, addition, synergism and potentiation.

17 Explain general and local anaesthetics and distinguish between their pharmacological effects.

18 Explain drugs of abuse, narcotic and psychotropic substances.

(2 × 5 = 10 weightage)

1143