

C 42773

(Pages : 2)

Name.....

Reg. No.....

**SECOND SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)  
EXAMINATION, APRIL 2023**

(CBCSS)

Forensic Science

FSC 2C 09—FORENSIC CHEMISTRY AND TOXICOLOGY

(2020 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

**Part A**I. Answer any *four* of the following. Short Answer Questions :

- 1 What is the significance of aging ink in forensic examination ?
- 2 Name the types of IEDs.
- 3 Name alcoholic beverages.
- 4 How diesel is analysed for adulteration ?
- 5 Name the extraction method for isolation of poison from body fluid.
- 6 What is Toxicology ?
- 7 What is NDPS act ?

(4 × 2 = 8 weightage)

**Part B**II. Answer any *four* of the following. Short Essay Type Questions :

- 8 List out the difference between liquid and solid incendiaries.
- 9 What is country made liquor ? How is it prepared ?
- 10 What is drug dependence ?
- 11 Explain the chemistry of explosives.
- 12 How biological fluids are collected and preserved for toxicological analysis ?

**Turn over**

- 13 How adhesives are examined in forensic investigation ?
- 14 What are the signs and symptoms of plant poisoning ?

(4 × 3 = 12 weightage)

**Part C**

III. Answer any *two* questions. Long Essay Type Questions :

- 15 Explain the mechanism of explosion.
- 16 How chemicals used in bribe trap cases are examined in forensics ?
- 17 What are commonly abused drugs ? What are their effects ?
- 18 How illicit liquor is analysed ?

(2 × 5 = 10 weightage)