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(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, NOVEMBER 2024
(CBCSS)**

Forensic Science

**FSC 1C 01—FUNDAMENTALS OF FORENSIC SCIENCE AND CRIMINAL LAWS
(2020 Admission onwards)**

Time : Three Hours

Maximum : 30 Weightage

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

1. Discuss the scope of the subject of Forensic Science.
2. Explain briefly what is meant by evidence. Illustrate with *two* examples.
3. Write briefly on the Code of conduct of a Forensic Scientist.
4. Briefly discuss the concept of “cognitive bias” in Evidence Analysis.
5. Write briefly on S. 45 Indian Evidence Act.
6. What are the “Directive principles of state policy” in the Indian Constitution ?
7. Write briefly on types of fingerprints.

(4 × 2 = 8 weightage)

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

8. Explain the role of a forensic scientist working for law enforcement agencies.
9. Explain the principles involved in comparison of evidence, between known and questioned items.
10. Write briefly on the ingredients to be proven to get a conviction in s. 304IPC
11. What are the powers of a “food inspector” as defined under the Prevention of food adulteration act ?
12. What is Meant by “Aggravated penetrative sexual assault” as defined under the POCSO Act? Explain how “penetrative sexual assault” can be proved in a court of law.
13. Explain what is meant by “impression evidence”. Using an example explain how it can be used to connect a suspect with a crime.
14. When can an electronic signature be “legally recognised” as per the IT act ?

(4 × 3 = 12 weightage)

Turn over

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

15. Explain the principles of handwriting identification/authentication in the context of questioned documents analysis.
16. Explain in detail the procedure of securing, documenting and evidence collection from a crime scene of homicide where a person has been murdered using a stab wound to chest.
17. Enumerate the prescription medications which come under the purview of the NDPS act. Discuss with two examples citing their abuse potential and how their use and sale is regulated.
18. Explain the concept of “admissibility of Scientific Evidence”.

(2 × 5 = 10 weightage)