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(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, NOVEMBER 2023**

(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. Weightage 2 :

- 1 Discuss the role of Forensic Science in the criminal justice system.
- 2 Explain briefly what is meant by evidence as per the Indian Evidence Act ?
- 3 Briefly discuss the Directive Principles of State Policy.
- 4 Briefly discuss the basic principles involved in report writing after scientific analysis of crime scene evidence and presenting the same in a court of law.
- 5 Discuss briefly S. 32 of the Indian Evidence Act.
- 6 Briefly discuss the concept of Fundamental Rights as enshrined in the Indian Constitution.
- 7 Briefly discuss the principles involved in collection of fingerprint evidence.

(4 × 2 = 8 weightage)

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

- 8 Describe the responsibilities of a forensic scientist working in a forensic science laboratory.
- 9 Explain Locard's principle of Exchange. Illustrate with two examples.
- 10 Write briefly on the ingredients to be proved to get a conviction in S. 302 I PC
- 11 Write briefly on questioned documents analysis.
- 12 Discuss the concept of "authentication of electronic records".
- 13 Discuss the concept of "penetrative sexual assault" as defined under the POCSO Act.
- 14 Explain the concept of "Daubert Standard".

(4 × 3 = 12 weightage)

Turn over

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

- 15 Discuss the history and evolution of Forensic Science laboratories in India.
- 16 Discuss the importance of chain of custody in collection, transmission and analysis of evidence. Explain the use of controls in evidence analysis. Add a note on Forensic Confirmation Bias.
- 17 Discuss how to photographically document a crime scene.
- 18 Explain the procedure of collecting, preserving and packing various kinds of evidences.

(2 × 5 = 10 weightage)