



Seat No. : _____

NO-101

November-2025

LL.M., Sem.-III

503 ECL : Criminal Law (Forensic Science and Criminal Investigation)

Time : 2:30 Hours]

[Max. Marks : 100

Instruction : Figures to the right side indicate **full** marks.

1. Define Forensic Science and describe its scope and objectives. Discuss with suitable examples how it helps in the detection and investigation of crimes. 25
- OR**
1. Discuss the role and importance of Forensic Science Laboratories (FSLs) in present-day criminal investigation systems. Highlight their contribution to scientific policing. 25
2. Explain how advanced technological tools and modern scientific devices are being used in crime detection, control, and prevention. Provide relevant illustrations. 25
- OR**
2. What do you understand by Narco-Analysis Test ? Critically evaluate its reliability, accuracy, and legal admissibility under Indian judicial standards. 25
3. “The Bhartiya Nagarik Suraksha Sanhita, 2023 has enhanced the scope of forensic science in criminal investigation.” Discuss this statement with reference to the role of forensic experts and the types of evidence collected under the new law. 25
- OR**
3. Explain how polygraph (lie detection) and voice spectrographic analysis are conducted as part of forensic examination. 25
4. Write notes on any **two** of the following : 25
 - (a) The method of identification of a firearm through cartridge cases and bullets.
 - (b) Types of forgery and techniques used for their scientific detection.
 - (c) Marks and impressions left by physical objects – their identification value.
 - (d) Evidentiary importance of injury details in forensic investigation.