

Seat No. : \_\_\_\_\_

# AC-101

April-2023

Integrated LL.B., Sem.-X

## IL-509 : Forensic Science and Crime Detection Methods

Time : 2:30 Hours]

[Max. Marks : 70

- Instructions :** (1) Answer **all** the questions.  
(2) Figures to the right indicate marks for each question.

1. Discuss the meaning and evidentiary value of the technique of DNA profiling in the resolution of crimes with examples and case laws. **18**  
**OR**  
(A) Discuss the Constitutional validity of Narco-analysis and Polygraph test. **10**  
(B) What is a Crime Scene ? Discuss the methods for searching a crime scene. **8**
2. (A) Discuss the history and development of Forensic Science. **10**  
(B) Write a short note on the science of Questioned Documents. **8**  
**OR**  
Discuss in detail the importance of science of fingerprint in criminal investigation along with examples and case laws. **18**
3. Discuss the evidentiary value of the science of Ballistics with illustrations and case laws. **18**  
**OR**  
(A) Discuss the provisions of the Indian Evidence Act, 1872 and Criminal Procedure Code, 1973 pertaining to expert evidence. **10**  
(B) Write a short note on Brain Mapping Test. **8**
4. (A) Write short notes on the following : (Attempt any **two**) **10**
  - (1) Cyber Crimes and its resolution
  - (2) Toxicology
  - (3) Forensic Science Laboratories
  - (4) Locard's Principle of Exchange  
(B) Answer in short : (Attempt any **three**) **6**
  - (1) What is mentioned u/s. 73 and 73A of the Indian Evidence Act, 1872 ?
  - (2) Define: Forensic Science.
  - (3) Who pioneered the science of questioned documents ?
  - (4) What is Voice Spectrography ?