

# CBCS SCHEME

18BT752

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## Seventh Semester B.E. Degree Examination, Dec.2023/Jan.2024 Forensic Science

Time: 3 hrs.

Max. Marks: 100

*Note: Answer any FIVE full questions, choosing ONE full question from each module.*

### Module-1

- 1 a. With respect to the Indian scenario explain the historical development and growth of forensic science in India. (10 Marks)  
b. Explain the functions of the toxicology and biology units. (10 Marks)

OR

- 2 a. Physical evidences play a major role in solving crimes. Justify. (10 Marks)  
b. What are the different steps in recording a crime scene? (10 Marks)

### Module-2

- 3 a. How does digital cameras helped in accelerating the pace of forensic investigations? (10 Marks)  
b. Enumerate the different digital evidences in a crime scene. (10 Marks)

OR

- 4 a. Explain how DNA can be used to identify individuals. (10 Marks)  
b. Explain the different methods used to conduct searches. (10 Marks)

### Module-3

- 5 a. Give an account of Forensic Odontology and Pathology. Add a note on their importance. (10 Marks)  
b. How do you differentiate between the 3 mortis stages of a body? (10 Marks)

OR

- 6 a. Forensic toxicology plays a crucial role in identification of crimes. Justify with reasoning. (10 Marks)  
b. Distinguish between Forensic psychiatry and Forensic serology. (10 Marks)

### Module-4

- 7 a. Give an account Arithmetic and Logical functions. (10 Marks)  
b. How has statistics helped in revolutionizing forensic science? (10 Marks)

OR

- 8 a. What are the various applications of statistics in forensic science? (10 Marks)  
b. Give an account of probability and population sample citing examples. (10 Marks)

### Module-5

- 9 a. Codes of ethics play a very important role in forensic investigations. Justify with suitable examples. (10 Marks)  
b. What is the importance of professional ethics in forensic practice? (10 Marks)

OR

- 10 a. Give an account of standards for good forensic practice. (10 Marks)  
b. Explain organizational ethics in forensic science. (10 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.