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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)