



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

Rollno.....

End Semester Examination, December 2024
B.Sc. Forensic Science – Ist Semester
INTRODUCTION TO FORENSIC SCIENCE (SCFS101)

Time: 2.5 hrs.

Max Marks: 50

Note: *All Questions are compulsory. Marks are indicated against each question.*

PART-A

Q.1 *Answer the following questions: (Any five out of seven)* 2 x 5 = 10

- (a) Define forensic science and describe its main principles. [CO-1] [L2] 2
- (b) Explain the scope and importance of forensic science in criminal investigation. [CO-1] [L2] 2
- (c) What is the chain of custody, and why is it essential in forensic science? [CO-1] [L2] 2
- (d) Outline the hierarchical setup of forensic science laboratories in India. [CO-1] [L2] 2
- (e) Briefly discuss the roles and responsibilities within a forensic science laboratory's organizational structure. [CO-1] [L2] 2
- (f) What are the progressive developments observed in forensic science labs over the years? [CO-1] [L2] 2
- (g) How are forensic science reports submitted to the court, and what is their significance? [CO-1] [L2] 2

PART-B

Q.2 Describe the procedures involved in managing different types of crime scenes, such as indoor, outdoor, and mobile scenes. Include the importance of documentation in the investigation process. [CO-2] [L-3] 10

OR

How would you address the challenges associated with processing an outdoor crime scene? Explain the techniques used in locating physical evidence and ensuring effective evidence handling. [CO-2] [L-2] 10

Q.3 Define the term "evidence" in a forensic context and discuss the various types of evidence admissible in court. How does expert testimony contribute to the admissibility of forensic evidence? **[CO-3] [L- 2] 10**

OR

Discuss the laws of evidence and analyze the factors that impact the admissibility of scientific evidence in court. How does forensic evidence support judicial decisions? **[CO-6] [L- 2] 10**

Q.4 Outline the procedure for crime scene reconstruction and explain the role of modus operandi in forensic analysis. What is the significance of expert team constitution for specific crime scenes? **[CO-4] [L- 4] 10**

OR

How does an Investigating Officer contribute to crime scene reconstruction? Examine the responsibilities and coordination required for an expert team to reconstruct a crime scene accurately. **[CO- 4] [L-2] 10**

Q.5 Explain the different searching techniques used for locating physical evidence at a crime scene. How does effective documentation influence the outcomes of an investigation? **[CO-6] [L-5] 10**

OR

Describe the impact of proper crime scene management on the preservation of evidence. Why is crime scene photography, videography, and sketching essential in maintaining the integrity of an investigation? **[CO-5] [L-4] 10**