

Enrollment No.....



Faculty of Science
End Sem Examination Dec-2023
FS3EL03 Criminalistics

Programme: B.Sc.(Hons.)

Branch/Specialisation: Forensic
Science**Duration: 3 Hrs.****Maximum Marks: 60**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d. Assume suitable data if necessary. Notations and symbols have their usual meaning.

- Q.1 i. Which of the following is not the crime scene search method? **1**
 (a) Strip method (b) Triangulation method
 (c) Zone method (d) Wheel method
- ii. Following is not involved in the indoor crime scene- **1**
 (a) Sky (b) Floor (c) Walls (d) Dead body
- iii. Which of the following is the most important purpose of video recording of a crime scene? **1**
 (a) Voice must also be recorded along the video
 (b) Direction can be determined on the basis of recording
 (c) A detailed view of the crime scene can be obtained
 (d) True dimensions of the evidence can be determined from the recorded video
- iv. The documentation of keeping a track of who enters and exits crime scene is called as- **1**
 (a) Sketching (b) Photography
 (c) Videography (d) Note making
- v. Which of the following is not a type of cybercrime? **1**
 (a) Data theft
 (b) Damage to data and systems
 (c) Installing antivirus for protection
 (d) Denial of service attack
- vi. In which year the Indian IT Act came into existence? **1**
 (a) 2000 (b) 2001 (c) 2020 (d) 2005

[2]

- vii. Bite marks help in personal identification using which of these types of evidence? **1**
 (a) Saliva (b) Teeth marks (c) DNA (d) All of these
- viii. The study of hair is also known as which of the following- **1**
 (a) Histology (b) Trichology (c) Phytology (d) Pathology
- ix. The skid marks on the road in a vehicular accident may give an indication of- **1**
 (a) Make of the vehicle (b) Speed of the vehicle
 (c) Weight of the vehicle (d) Height of the vehicle
- x. The study of the patterns of bloodstains at a crime scene determines the nature of crime as- **1**
 (a) Forensic hematology (b) Forensic serology
 (c) Forensic anthropology (d) Bloodstain pattern analysis
- Q.2 i. Differentiate between spiral and wheel method of crime scene sketching. **2**
 ii. Write a short note on safety measures to be taken at the crime scene. **3**
 iii. Explain different types of crime scene search methods. **5**
 OR iv. Define crime scene and explain in detail about indoor and outdoor crime scenes. **5**
- Q.3 i. Define crime scene sketching and mention its types. **2**
 ii. Define photography and elucidate its types in detail. **8**
 OR iii. Explain 5Ws of crime scene in detail. **8**
- Q.4 i. Describe any three evidences to be collected in murder and burglary cases. **3**
 ii. Explain the classification of crime scene evidence. **7**
 OR iii. Elucidate types of evidence to be collected in cases of arson, theft and sexual assault. **7**
- Q.5 i. Explain chain of custody in detail. **4**
 ii. Discuss collection and preservation method of blood, semen and bullet sample. **6**
 OR iii. Explain general safety considerations while handling evidence in the crime scene. **6**

[3]

- Q.6 Attempt any two: **5**
 i. Explain crime scene reconstruction in detail. **5**
 ii. Discuss patterns of glass fracture in detail. **5**
 iii. Describe bloodstain pattern analysis in detail. **5**
