

**DIRECTORATE OF DISTANCE EDUCATION
NALSAR UNIVERSITY OF LAW, HYDERABAD**

M.A. (CRIMINAL LAW & FORENSIC SCIENCE)

Academic Year: 2025-2026

**Second Semester Repeat Examination – Online Proctored Examination
(December, 2025)**

**1.2.4. Introduction to Forensic Science & Forensic Physical
Sciences**

Duration of the Examination: 2 ½ hours

Total Marks : 70 marks

INSTRUCTIONS TO CANDIDATES

- a) Read the instructions carefully and adhere to the same.
- b) Please mention your Name, DDE ID No., date of the exam, name of the programme, name of the subject, total number of pages on the first page and write the page numbers in sequence on each sheet before upload.
- c) The questions to be interpreted as given and no clarification can be sought.
- d) Clearly indicate the question numbers while answering them. Answers without question numbers / wrong question numbers will not be evaluated.
- e) Write the answers clearly and neatly. Answers in illegible handwriting will not be taken into consideration.
- f) Candidates need to check the scanned and pdf converted file before uploading, whether all pages are scanned properly and the same is in sequence and clearly visible.
- g) Candidates are prohibited to use phones or any other electronic devices, books, material etc. during the Examination.
- h) Copying from any source including from other students is strictly prohibited. Plagiarism is considered as a serious academic mis-conduct and the University will take action as it deems fit.

SECTION – A – Essay (Question No 1 to 4)

(Answer all questions. Answer for each question is to be written in 4 pages 600 words)
4×10 marks =40 marks

1. A burglary occurs in a jewellery store. On inspection, you find tool marks on the vault door, scattered glass fragments and a shoe impression in the mud outside. Explain how forensic physics principles can be applied to reconstruct the event and link the suspect to the scene. **(10 Marks)**

2. An investigating officer mishandles several items from a homicide scene, mixing them in a single package before submission to the lab. Discuss the importance of proper packaging, labeling and chain of custody. **(10 Marks)**
3. A bullet recovered from a murder victim is suspected to have been fired from the accused's revolver. Discuss the steps a forensic ballistics expert would take to confirm the match, including microscopic comparison and GSR analysis. **(10 Marks)**
4. A crime scene video shows investigators moving freely before evidence was recorded. Evaluate the consequences of poor scene protection and describe correct methods for scene recording through photography, sketching and notes. **(10 Marks)**

SECTION – B – Short notes (Question No 5 to 10)

(Answer all questions. Write a brief note on the following forensic topics in 2 pages 300 words) 6×5 marks=30 marks

5. A crime scene photographer forgets to place a scale beside a footprint before photographing. What is the consequence and how can it be corrected? **(5 Marks)**
6. A questioned cheque shows overwriting on the signature. What instrument-based methods can detect the alteration? **(5 Marks)**
7. A gunshot victim's wounds show blackening and tattooing. What do these findings reveal about the range of fire? **(5 Marks)**
8. A suspect's footwear is compared to impressions at the crime scene. Describe one scientific method used to confirm the match. **(5 Marks)**
9. A package containing explosive material is seized. What precautions must investigators take while handling and preserving such evidence? **(5 Marks)**
10. During a robbery investigation, an officer finds a bloodstained screwdriver. What steps should be followed to ensure the evidence is not contaminated? **(5 Marks)**