

Question Paper

Exam Date & Time: 12-Jan-2026 (02:00 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION - JANUARY 2026
SUBJECT: FS5101 - BASICS OF FORENSIC SCIENCE & CRIMINOLOGY

Marks: 50

Duration: 150 mins.

Answer all the questions.

Long Answer Questions:

- 1) Discuss the sociological theories of crime and explain how they contribute to understanding the causes and patterns of criminal behaviour. (10)
- 2) Explain the ethical responsibilities of forensic experts. Discuss the laws and penalties associated with unethical practices and perjury within the Indian legal framework. (10)

3. Short Answer Questions:

- 3A) Differentiate between bailable and non-bailable offences with examples. (5)
- 3B) Discuss the role of agencies like NCRB, NPA, and Interpol in forensic coordination. (5)
- 3C) Write a short note on the principles of forensic science. (5)
- 3D) Write short notes on the pre-classical and neo-classical theories of crime. (5)
- 3E) Explain the functions of the Serology and Chemistry division of an FSL. (5)
- 3F) Write a short note on the safety protocols followed in forensic laboratories. (5)

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Event Name	Subject
Semester 1 M.Sc. END-TERM Jan 2026	FS5101:Basics of Forensic Science and Criminology

#	Course Outcome	Description	Marks
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* NA - CO Not Selected

Event Name	Subject
Semester 1 M.Sc. END-TERM Jan 2026	FS5101:Basics of Forensic Science and Criminology

#	Level	No of Questions	Marks (%)
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Question Paper

Exam Date & Time: 13-Jan-2026 (02:00 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION - JANUARY 2026
SUBJECT: FS 5102 - FINGERPRINTS & QUESTIONED DOCUMENTS

Marks: 50

Duration: 150 mins.

Answer all the questions.

Long Answer Questions:

1) Explain the various methods used for examination of alterations, erasures and obliterations in questioned documents. (10)

2. You are assigned to classify fingerprint records collected during a criminal investigation, using the Henry Classification System.

Answer the following:

2A) Explain the scientific principles that make fingerprints a valuable tool for identification. (2)

2B) Describe the step-by-step procedure of Henry's Classification System. (8)

3. Short Answer Questions:

3A) Outline the protocol for collecting and preserving handwriting evidence from a crime scene. (5)

3B) Explain the composition of sweat and glandular secretions contributing to fingerprint residue. (5)

3C) Explain the working principle and main components of AFIS. (5)

3D) Describe the use of VSC and ESDA in handwriting and document examination. (5)

3E) Write a short note on ACE-V analysis and its importance in fingerprint comparison. (5)

3F) Explain the procedure for examining indentations and charred documents using suitable instruments. (5)

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Event Name	Subject
Semester 1 M.Sc. END-TERM Jan 2026	FS5102:Fingerprints and Questioned Documents

#	Course Outcome	Description	Marks
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* **NA** - CO Not Selected

Event Name	Subject
Semester 1 M.Sc. END-TERM Jan	FS5102:Fingerprints and Questioned

#	Level	No of Questions	Marks (%)
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No records found / Blooms Level Description not defined

Question Paper

Exam Date & Time: 14-Jan-2026 (02:00 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION - JANUARY 2026
SUBJECT: FS 5103 - CRIME SCENE MANAGEMENT & FORENSIC PHOTOGRAPHY

Marks: 50

Duration: 150 mins.

Answer all the questions.

Long Answer Questions:

- 1) Define a crime scene and discuss the various types of crime scenes, providing examples. Explain the importance of physical evidence in crime scene investigation. (10)
(5+5 = 10 marks)
- 2) Explain the structure and working of DSLR cameras. Discuss how the variations in the exposure triangle settings affect brightness, depth of field, and motion clarity in forensic photography. (10)
(5+5 = 10 marks)

3. Short Answer Questions:

- 3A) Explain the procedure of note-taking at a crime scene. (5)
- 3B) Write a detailed note on Crime scene security. (5)
- 3C) Write a note on recent developments in crime scene photography. (5)
- 3D) What is Modus Operandi (MO), and how does it differ from a signature in linking criminal cases? (5)
- 3E) Write a short note on microscopic photography and its role in the examination of trace and biological evidence. (5)
- 3F) Define crime scene reconstruction. Briefly outline the stages involved in the reconstruction process. (5)

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Event Name	Subject
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Semester 1 M.Sc. END-TERM Jan 2026 FS5103:Crime Scene Management and Forensic Photography

#	Course Outcome	Description	Marks
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No records found / CO Level Description not defined

* **NA** - CO Not Selected

Event Name	Subject
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Semester 1 M.Sc. END-TERM Jan 2026 FS5103:Crime Scene Management and Forensic Photography

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Question Paper

Exam Date & Time: 15-Jan-2026 (02:00 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION - JANUARY 2026
SUBJECT: FS5104 - POLICE ADMINISTRATION & VICTIMOLOGY

Marks: 50

Duration: 150 mins.

Answer all the questions.

Long Answer Questions:

- 1) Explain the functions of a police station and discuss how different crime control records maintained at the station assist in crime prevention and analysis. (10)
- 2) Critically evaluate the U.N. Declaration on Basic Principles of Justice for Victims of Crime and Abuse of Power and discuss its relevance to the Indian criminal justice system. (10)

3. Short Answer Questions:

- 3A) Discuss the role of NGOs and public participation in crime prevention. (5)
- 3B) Write a short note on the National Organization for Victim Assistance (NOVA) and its role in supporting victims. (5)
- 3C) Describe the salient features of the Indian Police Act, 1861 and its importance in modern policing. (5)
- 3D) Explain the typology of victims and name the major victimological theories. (5)
- 3E) Explain the procedure and importance of departmental enquiry in maintaining discipline within the police force. (5)
- 3F) Explain the impact of gender-based violence on victims and how victimology helps in understanding their needs within the justice system. (5)

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Event Name	Subject
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Semester 1 M.Sc. END-TERM Jan 2026 FS5104:Police Administration and Victimology

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No records found / CO Level Description not defined

* **NA** - CO Not Selected

Event Name	Subject
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Semester 1 M.Sc. END-TERM Jan 2026 FS5104:Police Administration and Victimology

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