

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION – MARCH 2023

SUBJECT: MFS 603 – APPLIED FORENSIC SCIENCE AND CRIMINAL INVESTIGATION

Tuesday, March 14, 2023

Time: 14:00 – 16:30 Hrs.

Maximum Marks: 50

✍ Answer ALL the questions.

✍ Long Answer Questions:

1. Explain different pattern of fingerprints.

(10 marks)

2. Explain the method of examination of:

2A. Erasures in documents

2B. Additions in document

2C. Obliterations in document

(10 marks)

3. **Write short notes on:**

3A. Laboratory analysis of semen sample

3B. Examination of counterfeit currency notes.

3C. Indian law on perjury.

3D. Classification of offences

3E. Laboratory safety protocols

3F. CID & CBI

(5 marks × 6 = 30 marks)



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FIRST SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION – MARCH 2023
SUBJECT: MFS 601 – BASICS OF FORENSIC SCIENCE

Monday, March 13, 2023

Time: 14:00 – 16:30 Hrs.

Maximum Marks: 50

✍ **Answer ALL the questions.**

✍ **Long Answer Questions:**

1. Write a note on forensic importance of Hair. (10 marks)

2. Write a note on walking gait pattern analysis. (10 marks)

3. **Write short notes on:**

3A. PCR and RFLP

3B. Methods used in detection of crime

3C. Examination of soil evidence

3D. Classification of lip prints

3E. Collection of tool mark evidence

3F. Serology division of forensic science

(5 marks × 6 = 30 marks)



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FIRST SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION – MARCH 2023

SUBJECT: MFS 607 – FORENSIC PHOTOGRAPHY

Thursday, March 16, 2023

Time: 14:00 – 16:30 Hrs.

Maximum Marks: 50

✍ **Answer ALL the questions.**

✍ **Draw diagrams wherever necessary**

✍ **Long Answer Questions:**

1. Define “Human Skull-Photo Superimposition”. Elucidate the steps involved in photographic superimposition technique of forensic investigation.

(2+8 = 10 marks)

2. Explain the techniques involved in crime scene photography.

(10 marks)

3. **Write short notes on:**

- 3A. Photography in police work.
3B. IR & UV photography in forensic work.
3C. Functions of surveillance photography.
3D. Scope of Forensic photography.
3E. 3D significance of panoramic shot.
3F. Modern gadgets used in photography.

(5 marks × 6 = 30 marks)



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FIRST SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION – MARCH 2023

SUBJECT: MFS 609 – POLICE ADMINISTRATION AND VICTIMOLOGY

Friday, March 17, 2023

Time: 14:00 – 16:30 Hrs.

Maximum Marks: 50

✍ **Answer the following questions.**

✍ **Long Answer Questions:**

1. Explain the functions of “*Central Unarmed Police Organizations*”

(10 marks)

2. Discuss in detail about “Compensatory relief to victims”.

(10 marks)

3. **Write short notes on:**

3A. Powers and Functions of Superintendent of Police.

3B. Village police.

3C. Problems of police.

3D. Victim precipitation.

3E. Protocols of receipts and dispatch of articles.

3F. Women police.

(5 marks × 6 = 30 marks)

