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MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION – FEBRUARY 2024


SUBJECT: MFS 711 – FORENSIC BALLISTICS

Thursday, February 29, 2024

Time: 14:00 – 16:30 Hrs.

Maximum Marks: 50

 **Answer the following:**

 **Long Answer Questions:**

1. Discuss in detail the unusual firearm injuries

(10 marks)

2. Discuss in detail the utility of radiology in firearm investigation

(10 marks)

3. **Write short notes on:**

3A. Radiology in firearm deaths

3B. Structure of a firearm

3C. Bullet cytology

3D. Use of comparison microscopy in firearm investigation

3E. Classification of firearms

3F. Close shot characteristics of a shotgun injury

(5 marks × 6 = 30 marks)



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THIRD SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION – FEBRUARY 2024

SUBJECT: MFS 701 – FORENSIC MEDICINE TOXICOLOGY AND PHARMACOLOGY

Monday, February 26, 2024

Time: 14:00 – 16:30 Hrs.

Maximum Marks: 50

 **Answer ALL the questions.**

 **Long Answer Questions:**

1. Define Inquest and its procedure? Mention its various types. Add a note on Dying declaration and Dying deposition.

(2+2+3+3 = 10 marks)

2. Describe the clinical features, treatment and medicolegal importance of Datura Poisoning

(4+3+3 = 10 marks)

3. **Write short notes on:**

3A. Clinical features and treatment of organophosphorus poisoning.

3B. Henry Galton method.

3C. Rigor Mortis.

3D. Sexual assault victim examination

3E. NDPS Act

3F. Abrasions and contusions

(5 marks × 6 = 30 marks)



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THIRD SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION – FEBRUARY 2024

SUBJECT: MFS 705 – LEGAL SCIENCE AND CRIMINAL LAW

Tuesday, February 27, 2024

Time: 14:00 – 16:30 Hrs.

Maximum Marks: 50

✍ Answer ALL the questions.

✍ Long questions:

1. Differentiate between Admissions and Confessions. Write briefly on Expert evidence. Add a note on intellectual property Act.

(4+3+3 = 10 marks)

2. Discuss the relevant sections related to public tranquility.

(10 marks)

3. Write Short Notes on:

3A. Sec. 300 IPC.

3B. Criminal Intimidation

3C. Write briefly on Bail.

3D. Write briefly on Search

3E. Salient features of Wildlife Protection Act

3F. Process of filing a complaint in a case of sexual harassment at the workplace and redressal

(5 marks × 6 = 30 marks)



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THIRD SEMESTER M.Sc. FORENSIC SCIENCE DEGREE EXAMINATION – FEBRUARY 2024

SUBJECT: MFS 707 – CRIMES OF NEW AGE AND SECURITY SYSTEMS

Wednesday, February 28, 2024

Time: 14:00 – 16:30 Hrs.

Maximum Marks: 50

✍ Answer ALL the questions.

1. Define security system. Discuss the purpose and functions of security systems in government agencies.

(2+8 = 10 marks)

2. Write a detailed note on white collar crimes and its prevention with relevant case studies.

(10 marks)

3. Write Short Notes on:

3A. Measures to combat money laundering.

3B. Security system used in multi-storied buildings.

3C. Significance of vigilance measures in public sectors.

3D. Procedure of departmental enquiry in a banking institution

3E. What is security fraud? Discuss its types.

3F. Discuss the security measures to be taken while escorting notorious criminals

(5 marks × 6 = 30 marks)

