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MANIPAL ACADEMY OF HIGHER EDUCATION
MD (FORENSIC MEDICINE) DEGREE EXAMINATION – JULY 2023

PAPER I

Monday, July 03, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

Answer ALL the questions.

1. Imaging techniques in forensic pathology.

(15 marks)

2. Endocrine system and sudden death.

(15 marks)

3. **Write short notes on:**

3A. Myocardial infarction at a distance.

3B. Rib phase analysis.

3C. Pneumonia.

3D. Amniotic fluid embolism.

3E. Dating of human bones.

3F. Liver function tests.

3G. Lochia

3H. Locards Method.

3I. Floor of mouth.

3J. Gastric emptying time.

(7 marks × 10 = 70 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION
MD (FORENSIC MEDICINE) DEGREE EXAMINATION – JULY 2023
PAPER II

Tuesday, July 04, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Should a forensic pathologist be brought into the ambit of Consumer Protection Act? Discuss.

(15 marks)

2. Discuss the challenges encountered in examination of a rape victim & reasons for low convictions.

(15 marks)

3. **Write short Notes on:**

3A. Ethical and legal issues of surrogacy

3B. Consent in relation to adolescents

3C. Should IPC 377 be abolished? Give reasons

3D. Contributory negligence

3E. Role of forensic pathologist in harvesting organs as per THOA in MLC cases

3F. PNDT Vs PCPNDT Act

3G. Ethical issues and corporate culture in medical practice

3H. Non Accidental injuries in children

3I. Seminal stains

3J. Viability

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
MD (FORENSIC MEDICINE) DEGREE EXAMINATION – JULY 2023

PAPER III

Wednesday, July 05, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Discuss the utility of Immunohistochemistry in medico-legal practice. (15 marks)

2. Discuss the applicability of Narcotic Drugs and Psychotropic Substances Act in current scenario. (15 marks)

3. **Write short notes on:**
 - 3A. Fat embolism.
 - 3B. Poison Information Centre.
 - 3C. Human Leukocyte antigen.
 - 3D. Ichthyosarcotoxycosis.
 - 3E. Pathophysiology of starvation.
 - 3F. Phytotoxins.
 - 3G. Ewing's Postulates.
 - 3H. Metal Fume Fever.
 - 3I. Special Autopsy Techniques.
 - 3J. Prions.

(7 marks × 10 = 70 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION
MD (FORENSIC MEDICINE) DEGREE EXAMINATION – JULY 2023
PAPER IV

Thursday, July 06, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Discuss the role of ICMR in protection of human subjects. (15 marks)

2. Discuss amendments in rape law ordinance. (15 marks)

3. **Write short notes on:**
 - 3A. Occupational Health Hazards.
 - 3B. Doping in Sports.
 - 3C. Mc Naughtens rule.
 - 3D. Institutional Ethical Committee.
 - 3E. Preservation of dead body.
 - 3F. Sexual harassment at workplace.
 - 3G. Forensic Genetics.
 - 3H. Application of DNA fingerprinting in Medicolegal practice.
 - 3I. Testamentary capacity.
 - 3J. Analytical toxicology.

(7 marks × 10 = 70 marks)

