

**MANIPAL UNIVERSITY****MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2014**

SUBJECT: PAPER I: BASIC SCIENCES AND ALLIED SUBJECTS AS APPLICABLE TO FORENSIC MEDICINE

Tuesday, April 01, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Discuss the scope of forensic dentistry in mass disasters.

(15 marks)

2. Describe foetal circulation.

(15 marks)

3. **Write short notes on:**

3A. Cirrhosis

3B. Thymus

3C. Corpus luteum

3D. Air embolism

3E. Shock lung

3F. Pathophysiology of starvation

3G. Berry aneurysms

3H. Coverings of brain

3I. Microscopic identification of sex

3J. Age related changes in pubic symphysis

(7×10 = 70 marks)



**MANIPAL UNIVERSITY****MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2014****SUBJECT: PAPER II: CLINICAL FORENSIC MEDICINE & MEDICAL JURISPRUDENCE**

Wednesday, April 02, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Discuss Consumer Protection Act.

(15 marks)

2. Discuss clinical examination of an alleged drunk driver.

(15 marks)

3. **Write short notes on:**

3A. Defloration

3B. Mathematical Sexing of Bones

3C. Living Will

3D. Contributory Negligence

3E. Munchausen Syndrome by Proxy

3F. Laws in relation to Infanticide and Feticide in India

3G. Chain of Evidence

3H. Sin of Gomorrah

3I. Beneficence

3J. Ewing's Postulates

(7×10 = 70 marks)



## MANIPAL UNIVERSITY

MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2014

SUBJECT: PAPER III: FORENSIC PATHOLOGY AND TOXICOLOGY

Thursday, April 03, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. A burnt body has been recovered from a burning house. How do you proceed? (15 marks)

2. Discuss medico legal duties of a doctor in a case of poisoning. (15 marks)

3. **Write short notes on:**

3A. Brain stem death

3B. Cyanide poisoning

3C. Acro reaction

3D. Antidotes

3E. Gunshot residues

3F. Plant irritants

3G. Medicolegal Importance of Scars

3H. Precipitin Test

3I. Presumption of Survivorship

3J. Special Autopsy Techniques

(7×10 = 70 marks)



## MANIPAL UNIVERSITY

## MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2014

SUBJECT: PAPER IV: APPLIED ASPECTS OF CLINICAL DISCIPLINES,  
FORENSIC SCIENCES AND RECENT ADVANCES IN FORENSIC MEDICINE AND  
FORENSIC PSYCHIATRY

Friday, April 04, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Discuss sexual harassment at workplace.

(15 marks)

2. Discuss the setting of a modern mortuary.

(15 marks)

3. **Write short notes on:**

3A. Analytical toxicology

3B. Restraint of a mentally ill person

3C. Forensic nanotechnology

3D. Torture injuries

3E. Computer forensics

3F. Ethical aspect of research in forensic medicine

3G. Electrocution deaths and cardiac pathology

3H. Recent amendments in THOA

3I. MERMER

3J. Recent advances in investigations of fatal falls

(7×10 = 70 marks)

