

**MANIPAL UNIVERSITY****MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2016**  
**SUBJECT: PAPER I: BASIC SCIENCES AND ALLIED SUBJECTS AS APPLICABLE TO**  
**FORENSIC MEDICINE**

Monday, April 18, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays:

1. Discuss the forensic anatomy of skin.

(15 marks)

2. Discuss male sexual dysfunction.

(15 marks)

3. Write short notes on:

3A. Teeth bite marks

3B. Thrombo-embolism

3C. Anaphylactic deaths

3D. Vitreous humour chemistry

3E. Obstetric death

3F. Tissue for histopathology

3G. Forensic anatomy of skull

3H. Nosocomial infections

3I. Cholinesterase

3J. Lines of Langer

(7 marks × 10 = 70 marks)



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## MANIPAL UNIVERSITY

MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2016  
SUBJECT: PAPER II: CLINICAL FORENSIC MEDICINE & MEDICAL JURISPRUDENCE

Tuesday, April 19, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays:

1. Rape is an allegation, easily made, hard to prove and harder to disprove – Justify. (15 marks)

2. Discuss Dying Declaration. (15 marks)

3. Write short notes on:

3A. Sexual perversions

3B. Tests for Potency

3C. Infamous conduct

3D. Cross examination

3E. Rugoscopy

3F. Shaken baby syndrome

3G. Radiological investigations in clinical forensic medicine

3H. Factors which give rise to child abuse

3I. Res ipsa loquitur

3J. Superfecundation

(7 marks × 10 = 70 marks)



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**MANIPAL UNIVERSITY**

**MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2016**

**SUBJECT: PAPER III: FORENSIC PATHOLOGY AND TOXICOLOGY**

Wednesday, April 20, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

☞ Answer ALL the questions.

☞ Long Essays:

1. Discuss the late changes after death. (15 marks)

2. Discuss Drug dependence. (15 marks)

3. Write short notes on:

3A. Delirium Tremens

3B. Kronlein shot

3C. Plumbism

3D. Trauma to the eye

3E. Run amok

3F. Ligature mark

3G. Murder

3H. Fish toxins

3I. Removal of spinal Cord

3J. Apparent death

(7 marks × 10 = 70 marks)



## MANIPAL UNIVERSITY

## MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2016

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

Thursday, April 21, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

☞ Answer ALL the questions.

☞ Long Essays:

1. Discuss the civil responsibilities of a mentally ill person. (15 marks)

2. Discuss the ethical, legal and social issues in prenatal diagnostic techniques. (15 marks)

3. Write short notes on:

3A. Virtopsy

3B. Gas chromatography

3C. Advances in the diagnosis of wound vitality

3D. Legal liability for transmitting HIV

3E. Bio-terrorism

3F. Designer babies

3G. Forensic auditing

3H. The criminal law ordinance 2013 on sexual assault

3I. Aarushi murder case

3J. DNA fingerprinting in the criminal justice system

(7 marks × 10 = 70 marks)

