

Reg. No.

MANIPAL UNIVERSITY

MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2013

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

Tuesday, April 02, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Discuss Myocardial Infarction.

(20 marks)

2. Discuss the forensic anatomy of the vertebral column.

(20 marks)

3. **Write short notes on:**

3A. Lochia

3B. Dental repairs and restorations

3C. HLA system

3D. Acute tubular necrosis

3E. Imaging techniques in firearm deaths

3F. Stature from bone fragments

(10×6 = 60 marks)



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MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER II: CLINICAL FORENSIC MEDICINE & MEDICAL JURISPRUDENCE

Wednesday, April 03, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Discuss the concept of privacy, privilege and confidentiality in Medical practice. (20 marks)
2. Discuss the various issues involved in a victim of gang rape aged 14 years. (20 marks)
3. **Write short notes on:**
 - 3A. Dead Born Baby
 - 3B. Lucid Interval
 - 3C. Rights of a patient
 - 3D. Non consensual examination
 - 3E. Sec 84 IPC
 - 3F. Criminal Courts in India(10×6 = 60 marks)



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SUBJECT: PAPER III: FORENSIC PATHOLOGY AND TOXICOLOGY

Thursday, April 04, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Discuss methods available for estimating post-mortem interval and comment on their merits and demerits.

(20 marks)

2. Discuss Narcotic Drugs and Psychotropic Substances Act.

(20 marks)

3. Write short notes on:

3A. Theories of brain injury

3B. Explosion Injuries

3C. Methanol poisoning

3D. Metal Fume Fever

3E. Lethal Dose 50

3F. Second Autopsy

(10×6 = 60 marks)



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

Friday, April 05, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Discuss DNA analysis in crime investigation.

(20 marks)

2. Discuss Violence at home.

(20 marks)

3. Write short notes on:

3A. Comparison microscope

3B. Plastination

3C. Biometrics

3D. Feigned insanity

3E. Prions

3F. Polygraph

(10×6 = 60 marks)

