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## MANIPAL UNIVERSITY

### MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2017 SUBJECT: PAPER I: BASIC SCIENCES AND ALLIED SUBJECTS AS APPLICABLE TO FORENSIC MEDICINE

Monday, April 03, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss floor of the mouth and its medicolegal Importance.

(15 marks)

2. Discuss Forensic aspects of body fluids.

(15 marks)

3. **Write short notes on:**

3A. Amniotic fluid embolism

3B. Thymus gland

3C. Demonstration of myocardial Infarction

3D. Ecchymosis and Emmenagogues

3E. Stature from skeletal remains

3F. Aspartic acid racemization

3G. ARDS

3H. Race from teeth

3I. Bertillon system

3J. Pregnancy tests

(7 marks × 10 = 70 marks)



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**MANIPAL UNIVERSITY**

**MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2017**  
**SUBJECT: PAPER II: CLINICAL FORENSIC MEDICINE & MEDICAL JURISPRUDENCE**

Tuesday, April 04, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss POCSO Act and its implications.

(15 marks)

2. Discuss the various aspects of the case “Dr. Kunal Saha Vs AMRI with others”.

(15 marks)

3. **Write short notes on:**

3A. Therapeutic privilege

3B. Daubert’s standards

3C. Disability certificate

3D. Medico-legal consultation

3E. Bolam test

3F. Ethics Vs Bio-ethics

3G. Professionalism

3H. DNR

3I. Potency certificate in view of amendments to rape laws

3J. Juvenile Justice (Care and Protection of children) Act 2000

(7 marks × 10 = 70 marks)



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**MANIPAL UNIVERSITY**

**MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2017**

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

Wednesday, April 05, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss sudden death due to cardio vascular system.

(15 marks)

2. Discuss injuries due to cold.

(15 marks)

3. **Write short notes on:**

3A. Antisnake venom

3B. Hooch Tragedy

3C. Bullet cytology

3D. Magnan's symptoms

3E. Narcotic Drugs and Psychotropic Substances Act 1985

3F. Performance enhancing drugs

3G. Gustaffsons Method

3H. Locards principle of exchange

3I. Autopsy in Anaesthetic deaths

3J. Precipitin Test

(7 marks × 10 = 70 marks)



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## MANIPAL UNIVERSITY

MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2017

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

Thursday, April 06, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays:

1. Medical diagnosis of insanity is not a legal ground for acquittal. Discuss (15 marks)

2. Discuss the Utility value of Forensic Medicine in Medical Curriculum. (15 marks)

3. Write short notes on:

3A. Sunanda Puskar Case

3B. Polygraph

3C. Cloning

3D. Bioterrorism

3E. Delusion

3F. Forensic Nursing

3G. Recent supreme court guidelines for clinical trials

3H. Civil responsibilities of mentally ill person

3I. Ultrasound in age estimation

3J. The protection of children from sexual assault examination

(7 marks × 10 = 70 marks)

