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MANIPAL ACADEMY OF HIGHER EDUCATION

MD (FORENSIC MEDICINE) DEGREE EXAMINATION – OCTOBER 2020

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

Monday, October 05, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays:

1. Define “SHOCK”. Outline the types, etiopathogenesis and medicolegal aspects of shock.
(15 marks)
2. Describe the Forensic Anatomy of neck. Describe the mechanism of death due to pressure on neck.
(15 marks)

3. Write short notes on:

- 3A. AIDS.
- 3B. Circle of Willis.
- 3C. Barotrauma.
- 3D. Comparison Microscope.
- 3E. Fat stains.
- 3F. Forensic Odontology.
- 3G. Medical Records and Law.
- 3H. Paradoxical undressing.
- 3I. Fetal hemoglobin.
- 3J. Cloning.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**MD (FORENSIC MEDICINE) DEGREE EXAMINATION – OCTOBER 2020****SUBJECT: PAPER II: CLINICAL FORENSIC MEDICINE & MEDICAL JURISPRUDENCE**

Tuesday, October 06, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the role of 'Forensic Expert in case of 'Exchange of Babies' in a hospital. (15 marks)

2. Describe the guidelines for examination of Deaths on Operation Table. (15 marks)

3. **Write short notes on:**

3A. Chain of Custody.

3B. Mathematical sexing of bones.

3C. Legal aspect of insanity and drawbacks.

3D. MOHFW guidelines on victims of sexual violence.

3E. Brain fingerprinting.

3F. Amendments in THOA.

3G. Therapeutic privilege.

3H. Falanga.

3I. AIDS as an occupational syndrome.

3J. Corporate Negligence.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
MD (FORENSIC MEDICINE) DEGREE EXAMINATION – OCTOBER 2020
SUBJECT: PAPER III: FORENSIC PATHOLOGY AND TOXICOLOGY

Wednesday, October 07, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss skull fractures.

(15 marks)

2. Discuss intoxication by Ethanol. Comment on the legal situation in such cases.

(15 marks)

3. **Write short notes on:**

3A. Autoerotic deaths.

3B. Carboluria.

3C. Chronic Arsenic poisoning.

3D. Macroscopic dyes at autopsy.

3E. Pre autopsy protocol in gunshot deaths.

3F. Negative chemical analysis report.

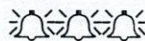
3G. Bloodless dissection of neck.

3H. Brain stem death.

3I. Ideal suicidal poison.

3J. War gases.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**MD (FORENSIC MEDICINE) DEGREE EXAMINATION – OCTOBER 2020****SUBJECT: PAPER IV: APPLIED ASPECTS OF CLINICAL DISCIPLINES, FORENSIC SCIENCES AND RECENT ADVANCES IN FORENSIC MEDICINE AND FORENSIC PSYCHIATRY**

Thursday, October 08, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the evolution of criminal responsibility of a mentally ill person. (15 marks)
2. Discuss the salient points of Criminal Law (Amendment) Act, 2013. (15 marks)

3. **Write short notes on:**

- 3A. Clinical Forensic Medicine Unit.
- 3B. Opinion giving in cases of sexual assault.
- 3C. Medico-legal aspects of resuscitation and Emergency Medicine.
- 3D. Ballistics division of Forensic Science Laboratory.
- 3E. Zonal transplant coordination committee.
- 3F. Gene therapy.
- 3G. Chemical examination of seminal stain.
- 3H. Oligophrenia.
- 3I. Post-traumatic stress disorder.
- 3J. Confidentiality in Forensic Psychiatry cases.

(7 marks × 10 = 70 marks)

