THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 0524] **MAY 2024** **Sub. Code: 4034**

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

PAPER II – CLINICAL FORENSIC MEDICINE AND MEDICAL JURISPRUDENCE

Q.P. Code: 204034

Time : Three Hours **Maximum : 100 Marks**

I. Essay: **(2 x 15 = 30)**

1. Medico-legal importance of Brain.
2. Role of Forensic Experts in Mass disasters.

II. Short notes: **(10 x 5 = 50)**

1. Corpus delicti.
2. NHRC guidelines on autopsy in custodial deaths.
3. Dental charting.
4. Age and criminal responsibility.
5. Rights of unborn child.
6. POCSO Act.
7. Fingerprint.
8. Cause of death from thermal injuries.
9. Section 174 CrPC.
10. Parrot's perch.

III. Reasoning Out: **(4 x 5 = 20)**

1. Casper's dictum in solving time since death.
2. Brain stem death declaration is done twice 12 hours apart.
3. Requesting for a medico-legal autopsy is the discretion of the investigating officer.
4. Anti-snake venom can be administered without test dose.

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THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 1224] **DECEMBER 2024** **Sub. Code: 4034**
(OCTOBER 2024 EXAM SESSION)

M.D. DEGREE EXAMINATION

FORENSIC MEDICINE

PAPER II – CLINICAL FORENSIC MEDICINE AND MEDICAL JURISPRUDENCE

Q.P. Code: 204034

Time : Three Hours **Maximum : 100 Marks**

I. Essay: **(2 x 15 = 30)**

1. Define firearm. Classify firearms. Describe the features to find out the range of firing shot by a revolver at close, near and distant ranges.

2. Discuss the medicolegal investigations of a case of death due to alleged criminal abortion. Add a note on MTP Act.

II. Short notes: **(10 x 5 = 50)**

1. Professional secrecy.
2. Rights of a Registered Medical Practitioner.
3. Liquor tragedies.
4. Defences of a doctor against negligence.
5. Dangerous weapons.
6. Malingering.
7. Euthanasia.
8. Testamentary capacity.
9. Privileged communications.
10. Concealment of birth.

III. Reasoning Out: **(4 x 5 = 20)**

1. Artificial intelligence can be used in forensic medicine.
2. Absence of soot particles in antemortem burns case.
3. Virtual autopsy or traditional autopsy which will endure.
4. Presumption in favour of legitimacy.

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THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[MD 1025] **OCTOBER 2025** **Sub. Code: 4034**

M.D. DEGREE EXAMINATION

FORENSIC MEDICINE

PAPER II – CLINICAL FORENSIC MEDICINE AND MEDICAL JURISPRUDENCE

Q.P. Code: 204034

Time : Three Hours **Maximum : 100 Marks**

I. Essay: **(2 x 15 = 30)**

1. Define Cardiac tamponade. Discuss about blood supply of Heart.

2. Different types of Negligence. Elaborate about professional negligence.

II. Short notes: **(10 x 5 = 50)**

1. Record of Evidence.
2. Privileged communication.
3. Gustafson's method.
4. Autopsy report.
5. Post-mortem evidence of criminal abortion.
6. Knot.
7. Dating of sub dural haemorrhage.
8. Trauma and myocardial infarction.
9. Artificial reproductive technique.
10. Signature fractures.

III. Reasoning Out: **(4 x 5 = 20)**

1. Pulmonary embolism in hospital deaths.
2. Medico legal masquerades.
3. Firearm knowledge for a forensic medicine doctor.
4. Certification for an accused in a sexual offence case.

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THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[MD 0526] **MAY 2026** **Sub. Code: 4034**

M.D. DEGREE EXAMINATION

FORENSIC MEDICINE

PAPER II – CLINICAL FORENSIC MEDICINE AND MEDICAL JURISPRUDENCE

Q.P. Code: 204034

Time : Three Hours **Maximum : 100 Marks**

I. Essay: **(2 x 15 = 30)**

1. A 15-year-old boy was posted for fracture of right humerus. Following a failed supra clavicular block, general anaesthesia was administered. Patient developed severe hypo-tension, tachycardia, desaturation with decreased air entry on right side followed by cardiopulmonary arrest and death. Discuss about the cause of the death, differential diagnosis and autopsy findings.
2. Discuss duties of Medical Practitioner in detail.

II. Short notes: **(10 x 5 = 50)**

1. Types of inquest.
2. Exceptions to oral evidence.
3. Contributory negligence.
4. Euthanasia.
5. Sex chromatin.
6. Amniotic fluid embolism.
7. Superfecundation.
8. Hangmans fracture.
9. Extradural haemorrhage.
10. Cut laceration.

III. Reasoning Out: **(4 x 5 = 20)**

1. Medicolegal importance of age.
2. Legitimacy and Paternity.
3. Types of hyoid bone fractures.
4. Obscure autopsy in anaesthetic and surgical complications.

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