

QP Code:

Reg.No.:.....

**MD Degree Examinations in Forensic Medicine and Toxicology
(Model Question Paper)**

Paper I – Basic Medical Sciences

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. Discuss the Morbid anatomy of intracranial Hemorrhages. Tabulate the differences between pathological Hemorrhages.

Short essays:

(8X10=80)

2. Describe blood supply and venous drainage to heart, What are the sings of myocardial infarction.
3. Forensic anatomy of skull.
4. Physiology of Muscle contraction & rigor mortis.
5. Microscopic identification of sex.
6. Blood and Blood stains – Medico-Legal Importance
7. Age changes in public symphysis.
8. Patho Physiology of hypo volemic shock.
9. Circle of Willis.

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Paper II – Forensic Medicine including other Clinical Subjects as applied to it

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. Discuss the data on which the approximate time since death may be determined in medico legal cases and mention the factors that influence such estimation.

Short essays:

(8X10=80)

2. Examination of a victim of Rape.
3. Therapeutic Misadventure.
4. Radiology in various fields of forensic medicine.
5. Artificial insemination.
6. Elementary ballistic principles. How do they help in detection of crime.
7. Legal aspect of insanity & drawbacks.
8. Discuss medico legal aspects of medical treatment including iatrogenic disease and industrial hazards.
9. Medicolegal importance of Ultra Sound and CT scan.

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Paper III – Forensic Toxicology and Medical Jurisprudence

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. What do you understand by 'Hooch Tragedy'. Describe the signs and symptoms, fatal dose and period, postmortem finding and method of sending Viscera and treatment of poisoning by 'Wood Alcohol'.

Short essays:

(8X10=80)

2. Modern poisoning centre.
3. Classify insecticides.
4. Therapeutic misadventure.
5. Criminal negligence civil health.
6. Plumbism.
7. Human experimentation – Ethical aspects
8. NDPS act.
9. Strychnine poisoning.

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Paper IV – Forensic Pathology including Forensic Immunology & Recent Advances

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. Discuss the pathology of 'Coronary heart disease' and discuss its medicolegal importance in sudden death.

Short essays:

(8X10=80)

2. Tissue/material preservation for DNA analysis.
3. Discuss to substantiate that applied aspects of forensic pathology and odontology have much to help the system of penology, law & order and to assure justice. medico-legal aspects of human organ transplantation.
4. Discuss the scope of study of entomology of cadaver in determination of time since death. Quote recent famous cases where this technique proved of significant value.
5. Cloning
6. Discuss ML applications of DNA finger printing. Also discuss the probative value of this evidence.
7. Renting of womb.
8. Mismatched blood transfusion.
9. Euthanasia
