[Time: 3 Hours]

[Max.Marks: 100]

#### MD FORENSIC MEDICINE – PAPER - I QP CODE : 5025

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long essay

(2x20=40 marks)

- 1. Describe various parts Brain, its coverings and Circulation with their Medico-legal significance.
- 2. Describe Pathophysiology of Shock with their medico-legal significance.

Short essay

- 3. Postmortem changes in Chemistry of Blood.
- 4. Describe various body fluids and their Forensic aspects.
- 5. Staining procedures and histopathology of pulmonary Embolism.
- 6. Histo-chemistry of Wound healing.
- 7. Gross and Microscopic findings in Myocardial Infarction.
- 8. Pathophysiology of Anaphylaxis and hypersensitivity.

[Time: 3 Hours]

[Max.Marks: 100]

### MD FORENSIC MEDICINE – PAPER - II QP CODE : 5026

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long essay

(2x20=40 marks)

- 1. Define autopsy. Give the blue print of an ideal autopsy room for autopsy and Biosafety.
- 2. Define terminal ballistics. Describe how to make out the distance of firing from wound of entry by rifled weapon firing?

Short essay

- 3. Define Road Traffic Accidents and Describe Injuries to two wheeler riders.
- 4. Diagnosis of Locked in Syndrome.
- 5. Define and describe Medico legal aspects of Sterilization.
- 6. What is Co-habitation and live in relation? Explain.
- 7. Difference between still birth and live birth.
- 8. Enumerate common Drugs used for MTP and explain their forensic aspects.

[Time: 3 Hours]

[Max.Marks: 100]

### MD FORENSIC MEDICINE – PAPER - III QP CODE: 5027

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long essay

(2x20=40 marks)

- 1. Chemical warfare.
- 2. A two year old male was brought in emergency ward with history of ingestion of some old fire crackers followed by vomiting and diarrhoea. Suddenly there was a power break and the vomitus emitted greenish yellow luminescence. How would you diagnose and treat this case. What are the autopsy findings in this case?

Short essay

- 3. Section 84 IPC.
- 4. Body packers.
- 5. Scoptophilia.
- 6. Doctrine of diminished responsibility.
- 7. Lucid interval.
- 8. Arrow poisoning.

[Time: 3 Hours]

[Max.Marks: 100]

## MD FORENSIC MEDICINE – PAPER - IV QP CODE: 5028

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

#### Long essay

(2x20=40 marks)

- 1. Describe in detail the functioning of a Forensic Science Laboratory.
- 2. Discuss Organ Transplantation of human organs and tissue act.

#### Short essay

- 3. Breath analyser.
- 4. Dermal nitrate test.
- 5. Euthanasia.
- 6. Medical indemnity Insurance.
- 7. Tests for seminal analysis.
- 8. Declaration of Tokyo.