

FORENSIC MEDICINE**PAPER-III**Time: 3 hours
Max. Marks:100

FRM/J/20/09/III

Important Instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. Concept of minimally invasive autopsy and non-invasive autopsy including their indication, procedure, advantages and disadvantages. 10
2. a) Discuss the role of forensic pathologist in crime scene investigations. 5+5
b) Perjury.
3. Spinal cord dissection in an 8-month-old infant. 10
4. Common protoplasmic poisons and their detection methods. 3+7
5. Latest trends of drugs and substances of abuse. Give a brief note on Methamphetamine abuse. 6+4
6. a) False Positive Toxicology Report. 5+5
b) Hooch Tragedy.
7. a) Gas Liquid Chromatography. 5+5
b) Reinsch Test.
8. Following dilatation and curettage (D&C) procedure under General Anesthesia (GA) for a first trimester missed abortion, a primi-gravida expired immediately after transferring her to the postoperative observation room. Relatives allege negligence of Anesthetist and Gynecologist. 4+3+3
a) Describe possible causes of death suspected this case and their associated postmortem findings.
b) How will you proceed with postmortem examination in this case?
c) Describe special dissection techniques and sampling methods which can be adopted in this case.
9. a) Narcotic Drugs and Psychotropic Substances Act, 1985 5+3+2
b) Describe derivatives of cannabis.
c) Designer drugs.
10. a) Drug addiction. 5+5
b) Party drugs.
