

**FORENSIC MEDICINE**  
**PAPER-III**

FRM/D/17/09/III

Time : 3 hours

Max. Marks :100

- 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 question to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

- Define drug dependence. 2+2+(2+4)
  - What are designer drugs?
  - What are body packers syndrome and the post mortem finding in a case of death due to substance abuse?
- Discuss briefly the ethical guidelines of Indian Council of Medical Research for biomedical research on human subject. 10
- Mention the clinical features, postmortem appearance and treatment of Aluminum phosphide poisoning. 4+3+3
- What is embalming? What is the composition of embalming fluid? Describe the procedure of cavity embalming. 3+3+4
- Mention the clinical features, postmortem findings in a case of insulin poisoning. What are the biological samples to be preserved in postmortem examination? 6+4
- What is poison information centre? Discuss the steps involved in establishing a forensic toxicology laboratory. 4+6
- Delirium tremens. 2x5
  - Illusion.
  - McNaughten rules.
  - Post mortem caloricity
  - Cadaveric spasm
- Describe types of intracranial bleeding and its causes. What is lucid interval and its medico-legal importance? 6+4
- Discuss the causes of sudden unnatural & natural death. Describe about the obscure autopsy. 5+5
- Describe various types of Court of Law in India and their powers. Describe about the sentence of death by law and its methods of execution in India & abroad. 5+5

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