

FORENSIC MEDICINE

PAPER-III

Time: 3 hours
Max. Marks: 100

FRM/D/19/09/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. Describe pharmaceutical poisoning. Discuss some of such poisoning relevant to Forensic medicine. Discuss Forensic investigation of anaphylactic death. 3+3+4
2. a) Mushroom poisoning. 5+5
b) Hydrogen sulphide poisoning.
3. a) Principle of GC-MS. 5+5
b) Principle of Spectrophotometry.
4. Discuss role of histopathology in Forensic toxicology. What are the salient histopathological features seen in Paraquat poisoning? 5+5
5. a) Caffey's syndrome. 5+5
b) Evisceration techniques.
6. What are drug abused substances at rave parties? A person died while dancing. Discuss possibilities of detection of different substances, their effects and toxic limits. 4+6
7. Describe briefly the forensic neuropathology of diffuse axonal injury. Which section of brain is preferred for the histological examination in this condition and why? 7+3
8. What is embalming? Write the Guidelines for embalming of a AIDS infected body. Enumerate the legal responsibilities of an embalmer in a case of foreign national corpses. 2+4+4
9. Define Toxidromes. Discuss briefly various Toxidromes. 4+6
10. a) Lund and Browder chart. 5+5
b) Commorientes and its medico legal significance.
