

FORENSIC MEDICINE

PAPER – I

FRM/D/15/09/I

Time : 3 hours

Max. Marks : 100

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.
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Write short notes on:

1.	How would you conduct an autopsy on a dead body having radioactive emission?	10
2.	Classify allergies. Give various tests for allergies. What are its medico-legal implications?	2+4+4
3.	Histopathology of various internal organs in case of death due to antemortem burns.	10
4.	Pathology of sudden death.	10
5.	Ewing's postulates.	10
6.	What are Sturmer's formula and Madea's formula? How are these used by forensic pathologists?	4+6
7.	What is mitochondrial DNA? Write a note on its forensic importance.	4+6
8.	What are the three fundamental steps involved in analysis of biological tissues for toxicological purpose?	10
9.	Role of frontal sinus study in identification.	10
10.	What is the importance of prostatic acid phosphatase in forensic science and how can time since intercourse be calculated using prostatic acid phosphatase?	10
