

FORENSIC MEDICINE
PAPER-I

FRM/D/17/09/I

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:

1. a. Circle of Willis and its forensic importance. 5+5
b. Carotid triangle of neck.
2. a. Pressure abrasion. 5+5
b. Accidental strangulation.
3. a. Colour changes of contusion. 5+5
b. Various antidotes.
4. The case of death is due to poisoning but viscera chemical analysis report is negative. What are its forensic intricacies? 10
5. a. Dangerous injury. 5+5
b. Perjury.
6. a. Define brain stem death 5+5
b. Molecular death.
7. What is mitochondrial DNA? Write a note on its forensic importance. 3+7
8. What is embolism? How will you conduct postmortem in a suspected case of fat embolism? 4+6
9. How will you differentiate between human hair and animal hair? Discuss the medico-legal importance of hair. 4+6
10. Describe anatomy of female genital tract with a labeled diagram. How can you correlate this with the genital injuries sustained during sexual assault? 4+6