

# MD[ Forensic Medicine ]

BF/2009/05

## Basic Sciences as applied to Forensic Medicine

[Paper-I]

**Time : 3 Hours**

**M.M.: 100**

*Note: Attempt all questions.*

1. Discuss in detail the blood supply of venous drainage to the heart. Give significance in relation to myocardial infarction. [15+20=35]
2. What do you understand by disputed paternity? Discuss how will you proceed to solve the problem of disputed paternity? [10+25=35]
3. **Write short notes on the following:** [3x10=30]
  - a. Superimposition technique.
  - b. Forensic anatomy of skull.
  - c. Transplantation of human organs act.

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## Forensic medicine including other clinical subjects as applied to Forensic medicine [Paper-II]

**Time : 3 Hours**

**M.M.: 100**

*Note: Attempt all questions.*

1. How would you investigate a case of death due to blood transfusion. [35]
2. Discuss the medicolegal problems of surgical methods of sterilization as a measure adopted for family planning in our country. [35]
3. **Write short notes on:** [30]
  - a. Corpus delicti.
  - b. Diatoms.
  - c. Bomb blast injuries.

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## Forensic Toxicology and Medical Jurisprudence [Paper-III]

**Time : 3 Hours**

**M.M.: 100**

*Note: Attempt all questions.*

1. Discuss the various 'Modern analytical techniques' used in toxicological analysis of samples. Add a note on utility of a toxicology lab in a medical college. [35]
2. Discuss broadly ' Ethical and Legal aspects of medical practice'. [35]
3. **Write notes on:** [15+15]
  - a. Res-Ipsa -Loquitur.
  - b. Carbolic acid poisoning.

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## Forensic pathology including forensic immunology and recent advances [Paper-IV]

Time : 3 Hours

M.M.: 100

*Note: Attempt all questions.*

1. Discuss the medical, ethical and legal aspects of female foeticide. What is the current scenario of these cases. [34]
  
2. Discuss in detail the application and scope of Forensic immunology. [33]
  
3. **Write briefly on:** [33]
  - a. Honour killing.
  - b. Brain finger printing.
  - c. Paltouf's haemorrhages.

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