



**All India Institute of Medical Sciences, Kalyani**  
**Second Professional MBBS Examination (Batch-2020-21)**

**Time: 3 Hrs.**

**FORENSIC MEDICINE & TOXICOLOGY**

**Marks: 100**

- Answer all questions.
- Answer the questions in the same serial order strictly.
- Illustrate your answers with well labelled diagram wherever necessary.
- Answer each section in a separate answer book.

**SECTION-A (50 MARKS)**

**Long answer question:**

**[2+8=10]**

1. Define Identification. What is the role of forensic pathologists in mass disaster victim identification?

**Write Short notes on:**

**[8X5=40]**

2. Perjury and hostile witness.
3. Doctrine of common knowledge with an example.
4. Consensual homosexual behaviour & its medicolegal importance.
5. Bloodless neck dissection in case of mechanical asphyxia.
6. Time since death from entomology.
7. Laceration and its types with mechanism.
8. Draw and label the neat diagram of shot gun firearm cartridge. Describe the entry wound findings of distant and near contact shot.
9. Recent amendments in Medical termination of Pregnancy act- 2021.

**SECTION-B (50 MARKS)**

**Long answer question:**

**[2+3+3+2=10]**

1. A 40 year old male consumed unknown poison. He was rushed to emergency where he was declared brought dead. Autopsy revealed perioral burns, oral mucosal erosions and esophageal perforation.
  - a. What is exact cause of death in this case?
  - b. Describe the Mechanism of action of this?
  - c. Duties and responsibility of registered medical practitioners in this case?
  - d. Medicolegal importance of alleged poisoning?

**Write Short notes on:**

**[8X5=40]**

2. Gas asphyxiants.
  3. Plumbism.
  4. Various forms of cannabis & its medicolegal importance.
  5. Cardiac glycosides.
  6. Cocaine bugs & its medicolegal importance.
  7. Dhobi marking nut & its medicolegal importance.
  8. Management of viperine snake bite.
  9. Rodenticide poisoning.
-