



**All India Institute of Medical Sciences, Kalyani**  
**Second Professional MBBS Examination 2021**

**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:**

1. A 16-year-old unmarried woman was brought to the Emergency, with a history of severe pain abdomen and bleeding per vagina. On examination, she had a high temperature, tachycardia and dyspnoea. Further, her relatives gave a history of treatment by a quack for missed periods. Answer the following: (2+2+4+2=10)
  - a. Role of Doctors in this case
  - b. Indications of MTP
  - c. Methods of Criminal Abortion
  - d. Complications of Criminal abortion

**Write Short notes on:**

[8x5=40]

2. What are dying declarations and the procedure for recording them?
3. Define cataleptic rigidity and explain its Medicolegal Importance.
4. What are autoerotic asphyxia and the importance of crime scene investigation?
5. Differentiate between antemortem and post-mortem Burns.
6. Explain the evolution of colour changes in contusion and their medicolegal importance.
7. What are dead born foetus and radiological findings for its diagnosis?
8. Rape Trauma Syndrome.
9. Explain Bumpers fracture and its medicolegal importance.

**SECTION - B (50 MARKS)**

**Long answer question:**

1. A 23-year-old student was recovered from a locked room by his friends. He was brought to the Emergency in an unconscious state. The accompanying friends found some blue tablets in an unlabelled bottle from his room. Answer the following: (2+2+5+1=10)
- Write the legal duties of the attending doctor
  - Contraindications for gastric lavage
  - Describe the various methods to remove absorbed poisons from the body
  - Samples to be preserved in this case

**Write Short notes on:**

[8x5=40]

- Explain Drug dependence and its types
- Culture-Bound syndrome
- Features of chronic mercury poisoning
- Write the delayed complications of organophosphate poisoning
- Vitriolage
- Management of Methyl alcohol poisoning
- Clinical Diagnosis of venomous snake bite
- Right or Wrong Test