

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**SECOND MBBS DEGREE EXAMINATION – APRIL 2024**

**SUBJECT: FORENSIC MEDICINE (ESSAY)**

(OLD REGULATION - 2018-19 & PRIOR BATCH)

Monday, April 29, 2024

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

**✍ Answer ALL the questions.**

**Long essays:**

1. A person was brought to the casualty of your hospital with history of consumption of unknown compound. On examination you get a kerosene like odour and the patient had miosis and crepitant lung fields. He was salivating excessively with tears running down the eyes. He also had a history of two episodes of vomiting.

- 1A) What will be the probable compound which he has consumed?
- 1B) Which all tests will help you to reach the diagnosis?
- 1C) What are the complications you expect in this patient?
- 1D) What will be your appropriate treatment plan?

(1+2+2+5 = 10 marks)

2. Explain the early post-mortem changes in a dead body. Add a note on adipocere formation.

(7+3 = 10 marks)

**3. Short essays:**

- 3A) Diatom test.
- 3B) Res ipsa loquitur.
- 3C) Carbon monoxide.
- 3D) Hanging
- 3E) Dissection of heart during autopsy.
- 3F) Barr body and Davidson body.
- 3G) Criminal responsibility of a mentally ill person.
- 3H) Big four snakes.
- 3I) Sub dural haemorrhage.
- 3J) Healing of contusions.
- 3K) Cause of death in hanging.
- 3L) Evidences to be collected in an accused of sexual assault.
- 3M) Informed consent.
- 3N) Wilsons classification of burns.
- 3O) Dying declaration.

(4 marks × 15 = 60 marks)

