



UNIVERSITY OF JAFFNA, SRI LANKA
SECOND EXAMINATION FOR MEDICAL DEGREES (PART I)
SEPTEMBER 2023
ACADEMIC YEAR – 2018/2019



Forensic Medicine-Paper II

Date: 25.09.2023
Answer all Five questions.

Time: 9.00 am. to 12.00 noon. (3 Hrs)

Answer each part in a separate answer book.

PART A

1. A male body was found 300 m from a Base Hospital in an abandoned house. The body was decomposed, and massive maggot activity was also noted. The left upper limb below the forearm and left foot were missing. Police suspected the body of a man who was missing from the Psychiatric unit of the above Base Hospital three days back.

1.1. List five (05) medico-legal issues related to this death. (20 marks)

1.2. How would you confirm the identification of this person? (40 marks)

1.3. Discuss the possible ways to estimate the time since death regarding this death. (40 marks)

2.

2.1. Briefly describe medical negligence. (30 marks)

2.1. State four criteria needed to be fulfilled to prove a case of medical negligence. (20 marks)

2.2. Outline defenses for a doctor against medical negligence. (50 marks)

3. A body of a young man was found by the side of the road with injuries.

3.1. List five (05) possible causes for his death. (20 marks)

3.2. If he was knocked down by a motor car, what are the injuries you could expect in his body? (40 marks)

3.3. If there were firearm injuries to the head. How will you differentiate whether it is an entry or exit wound? (40 marks)

PART B

4. A teenage girl is admitted to the casualty ward with a history of alleged sexual abuse on the same day.
- 4.1. List Four (04) laws related to sexual abuse in Sri Lanka. (20 marks)
- 4.2. List five (05) medico-legal issues related to this case. (20 marks)
- 4.3. Describe how you would collect and dispatch biological samples in this case. (60 marks)
5. A 23-year-old male university student was discovered inside a room with a ligature around his neck.
- 5.1. You have been asked to conduct a scene visit. Briefly discuss the observations that you would make and their medico-legal significance (50 marks)
- 5.2. Explain how you will distinguish ligature strangulation from hanging during the autopsy (30 marks)
- 5.3. Describe the mechanisms of death in hanging (20 marks)

