



UNIVERSITY OF JAFFNA, SRI LANKA
SECOND EXAMINATION FOR MEDICAL DEGREES
PART I (2nd) 2016/2017 – MARCH -2022
FORENSIC MEDICINE



Date: 09.03.2022

Time:- 9.00am to 12.00pm (3hours)

Answer all Five questions

Answer each part in a separate answer book.

PART A

1.
 - 1.1 Describe 05 characteristic injuries or injury patterns in physical child abuse (30 marks)
 - 1.2 List 05 conditions that can mimic physical child abuse. (20 marks)
 - 1.3 A 9-year-old female child got admitted to the ward with a suspected history of physical and sexual abuse. Describe the possible referrals that you would make in this case. (20 marks)
 - 1.4 Describe the role of case conference in the management of child abuse (30 marks)

2. A 50-year-old alcoholic was found dead on the roadside in the early morning hours. Externally minor injuries were noted on the head and the back of the body.
 - 2.1. List the five (5) medico-legal issues in this case (20 marks)
 - 2.2 How will you differentiate the fall and assault in the head injury of the above case. (40 marks)
 - 2.3 At autopsy, you only found a sub-Dural hemorrhage. Discuss the significance of sub -Dural hemorrhage related to this case. (40 marks)

3. A male house officer has been alleged to have sexually assaulted a female patient during the breast examination in the surgical clinic. He examined the young women without a chaperon, and there was no eyewitness. Later he was reported to the Sri Lanka Medical Council (SLMC), and ministerial inquiry also started. Subsequently, he was charged for medical negligence and sexual offense.

- 3.1. Describe disciplinary proceedings the SLMC would adopt against the doctor. (30 marks)
- 3.2. Discuss the components of serious professional misconduct (20 marks)
- 3.3. Describe how you would establish medical negligence in this case (30 marks)
- 3.4. Briefly discuss the ethical principles that have been breached during the clinical examination in this case (20 marks)

PART B

4. A Police mobile team got a message that an unknown female body was found in an abandoned well.

- 4.1. List Five (5) medicolegal issues in the above case (20 marks)
- 4.2. If this deceased died of drowning, describe three mechanisms of deaths of drowning (30 marks)
- 4.3. Discuss the autopsy features of drowning (50 marks)

5. A 32 years old young male was brought to the A & E of the Teaching Hospital Jaffna following ingestion of a pesticide. Later it was found that organophosphate has ingested. After two days of intensive care management, he succumbed to the effect of the poison.

- 5.1. List the routes of administration of organophosphate poison (20 marks)
- 5.2. Describe the clinical manifestations of the above poison (40 marks)
- 5.3. Give your observations during the autopsy of this case (40 marks)

