



**UNIVERSITY OF JAFFNA, SRI LANKA**  
**SECOND EXAMINATION FOR MEDICAL DEGREES – FEBRUARY 2019**  
**FORENSIC MEDICINE**

**Date: 05.02.2019**

**Time: 3 hours**

ANSWER ALL THE FIVE QUESTIONS

1. Describe the injury patterns in
  - 1.1 Fall from height (50 Marks)
  - 1.2 Front seat passenger of a car collided against an electric post. (50 Marks)
  
2. 2.1 Briefly describe medical negligence. (30 Marks)
  - 2.2 State four criteria needed to be fulfilled to prove a case of medical negligence. (20 Marks)
  - 2.3 Outline defences for a doctor against medical negligence. (50 Marks)
  
3.
  3. 1. Describe the clinical features of Niyangala/ Karthikai poo (Glorioasa superba) Poisoning. (50 Marks)
  3. 2. Describe the clinical findings of acute and chronic arsenic poisoning. (50 Marks)
  
4. A young man was found dead in his room with a “stab injury” on front chest.
  - 4.1 Describe how you would assist to ascertain the manner of death in this case. (35 Marks)
  - 4.2 Discuss how you would reconstruct the features of the causative weapon by the autopsy findings. (45 Marks)
  - 4.3 List five (05) other important medico – legal issues you would consider in this case. (20 marks)

5. A 51 year old male was admitted to the hospital with a history of chest pain. He was found to have an anterior Myocardial infarction. A few hours later he developed dyspnoea and despite adequate treatment he died on the 10<sup>th</sup> day.

5.1 What are the possible complications related to the above medical condition that you would consider? (30 marks)

5.2 Discuss the possible post mortem findings (macroscopic and microscopic) in the heart and lungs of this deceased. (70 marks)

