



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE

Third Examination for Medical Degree – (Part II) – September 2010

FORENSIC MEDICINE - PAPER I

9.00 am to 12.00 noon (3 hours)

Answer ALL FIVE Questions.

Answer each PART in a SEPARATE BOOK. Begin each answer on a NEW PAGE.

Part A

1. A pedestrian victim of a road traffic trauma incident was admitted to a surgical casualty ward in an unconscious state with multiple fractures on both right upper and lower limbs. There were multiple bruises and abrasions on the back. He was subjected to immediate neuro-surgical intervention.
 - 1.1 What are the medico-legal issues in this case? (15 marks)
 - 1.2 How would you obtain informed consent for further management of the patient? (25 marks)
 - 1.3 What are the important issues you need to consider when completing the MLEF? (30 marks)
 - 1.4 How would you reconstruct the incident with the observed injury pattern? (30 marks)
2. A 24 year old youth in police detention was admitted to the intensive care unit of a teaching hospital with an alleged history of a clash with police officers inside a police vehicle while transporting him to courts. It was observed that the victim had sustained two firearm entry wounds on the left upper anterior chest.
 - 2.1 What are the medico-legal issues of this incident? (25 marks)
 - 2.2 How would you perform the crime scene examination of this incident? (40 marks)
 - 2.3 As the medico-legal officer how would you contribute to reconstruct the actual incident? (35 marks)

Part B

3. Write short notes on
 - 3.1 medical confidentiality. (25 marks)
 - 3.2 criminal medical negligence. (25 marks)
 - 3.3 inquest system in Sri Lanka. (25 marks)
 - 3.4 endangering life. (25 marks)
4. A non-putrefied body of a young female was found in her bed room with neck injuries.
 - 4.1. Describe the circumstances of death. (20 marks)
 - 4.2. Describe the autopsy findings that favour the cause of death as manual strangulation. (50 marks)
 - 4.3. Describe the special investigations you would perform in a case of manual strangulation. (30 marks)

Part C

5.
 - 5.1 Name five poisonous plants commonly seen in Sri Lanka. List their toxic substance/s. (20 marks)
 - 5.2 List the clinical features of poisoning by three of the above toxic substances. (50 marks)
 - 5.3 Describe briefly how you would collect, store and dispatch the samples for toxicology at the autopsy, in suspected poisoning stated in 5.2. (30 marks)