



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE

Third Examination for Medical Degree (Part II)-August 2009

FORENSIC MEDICINE - PAPER I

Monday 24th August 2009

9.00 am to 12.00noon (3 hours)

Answer ALL FIVE Questions.

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

Part A

1. A young suspect of an alleged incident of theft was arrested by police. He was said to be beaten repeatedly by blunt weapons during the transportation and inside the police station. The accused was produced before a JMO on the subsequent day and was admitted to the hospital for further observations. The victim had to be dialysed on the 3rd day after admission.
 - 1.1 Explain how the victim developed above clinical condition. (20 marks)
 - 1.2 Describe the different physical torture methods and their sequale. (30 marks)
 - 1.3 Explain how you would examine a victim in custody for medico-legal purposes and prepare the Medico-Legal Report (MLR). (50 marks)

2. A businessman was found dead by the police inside his luxurious bungalow. Multiple blood stains were observed on the walls and the floor of his living room.
 - 2.1 Describe what trace evidence you would collect from this scene. (20 marks)
 - 2.2 Explain the medico-legal significance of blood stains in this case. (30 marks)
 - 2.3 Describe how you would perform the crime scene examination of this incident. (50 marks)

Part B

3.
 - 3.1. Discuss how you would differentiate ligature strangulation from partial hanging at autopsy. (40 marks)
 - 3.2. Discuss the circumstances of death due to ligature strangulation and hanging. (40 marks)
 - 3.3. Describe the special dissections used at autopsy in such circumstances. (20 marks)

4. Write short notes on the following.
 1. Professional secrecy (30 marks)
 2. Professional misconduct (35 marks)
 3. Consent (35 marks)

Part C

5. A 30 year old male was brought to the OPD with a history of ingestion of a poison. He was in a confused state. He had no injuries. He was admitted to a medical ward but died within two hours despite treatment.
 - 5.1. List five (5) toxic substances that could have lead to the confused state. (10 marks)
 - 5.2. List the medico legal duties of the house officer in this instance. (20 marks)
 - 5.3. State the important observations that should be made at the autopsy of this person. (30 marks)
 - 5.4. Describe how you should collect, preserve and dispatch samples for toxicological analysis. (40 marks)