



**FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE**  
Third Examination for Medical Degrees (Part II)-December 2005  
**FORENSIC MEDICINE - PAPER I**

Tuesday 6<sup>th</sup> December 2005  
9.00 am to 12.00noon

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

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**Part A**

1.
  - 1.1. List the changes that could occur in the body after death of a person. (30 marks)
  - 1.2. Describe the medico-legal importance of **three** of them. (70 marks)
2.
  - 2.1. Define death. (20 marks)
  - 2.2. Describe the procedure of diagnosis of brain stem death. (80 marks)
3. Regarding subarachnoid haemorrhage following head injury:
  - 3.1. List the different types of subarachnoid haemorrhage. (30 marks)
  - 3.2. Describe traumatic basal subarachnoid haemorrhage. (70 marks)

**Part B**

4. An intramuscular injection was forcibly given to a health care worker by another colleague of the same institution while on duty following a fight. It was discovered subsequently that the syringe used for injection contained a lethal weedicide, paraquat. The victim died in a tertiary care hospital in two weeks.
  - 4.1. What are the medico-legal issues of this case? (20 marks)
  - 4.2. Discuss the medico-legal duties of the medical officers involved in the treatment of the deceased. (20 marks)
  - 4.3. Describe the clinical and pathological stages of delayed paraquat poisoning. (60 marks)
5. Write short notes on
  - 5.1. Contra-coup injuries. (30 marks)
  - 5.2. Statutory rape. (35 marks)
  - 5.3. Range of fire. (35 marks)