



FACULTY OF MEDICINE
UNIVERSITY OF RUHUNA

Third Examination for Medical Degrees -Part II – July 2008
FORENSIC MEDICINE - PAPER I

Monday 14th July, 2008
9.00 am to 12.00noon

Ans
3/7/08

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

Part A

1. A 45 year old woman was found dead on her bed with a shotgun injury on head.

- 1.1. List the types of shot guns. (20 marks)
- 1.2. Describe how you would ascertain the manner of death. (40 marks)
- 1.3. Discuss how you would ascertain the range of fire. (40 marks)

Part B

2. A 15 year old school girl was abducted by a gang of youth on her way home. She was found later by the police and gave a history of physical assault and repeated sexual intercourse by several persons.

- 2.1. ~~What~~ are the medico-legal issues involved in this case? (15 marks) (20)
 - 2.2. ~~Discuss the value and essential steps of crime scene examination of this case.~~ (25 marks) (40)
 - 2.3. Describe how you would perform the medico-legal examination of this victim and document findings. (35 marks)
 - 2.4. Discuss briefly the law on rape in Sri Lanka. (25 marks)
 - 2.2 Describe the essential steps of crime scene examination of this case (40)
3. Write short notes on
- 3.1. Res ipsa loquitor (30 marks)
 - 3.2. Dying declaration (35 marks)
 - 3.3. Professional secrecy (35 marks)

Part C

4. A 22 year old male was found dead in a public lavatory with an injection syringe on the forearm in-situ.

- 4.1. List the possible causes of death. (20 marks)
- 4.2. Describe the autopsy findings in a case of death due to heroin overdose. (40 marks)
- 4.3. Describe the types, collection, storage and dispatch of samples of toxicology at autopsy. (40 marks)

5. A 5 year old child alleged to have been abused by his father ^{was found to be dead} died on admission to the hospital.

- 5.1. Describe the probable autopsy findings to allege physical child abuse. (40 marks)
- 5.2. List the probable causes of death. (20 marks)

(fallen)
toxicological analysis
in this case