

FACULTY OF MEDICINE, UNIVERSITY OF JAFFNA  
SECOND EXAMINATION FOR MEDICAL DEGREES PART II (1<sup>ST</sup>) AUGUST 2012  
FORENSIC MEDICINE

DATE: 27.08.2012

TIME ALLOWED: 3 Hours  
(9.00 AM – 12.00 PM)

Answer All **FIVE** Questions

Answer each question in a separate answer book

1 A 14 year old pedestrian victim of a road traffic trauma incident was admitted to a surgical casualty ward in unconscious state with multiple fractures on right upper and lower limbs and multiple bruises and abrasions on back. He was subjected to immediate neuro-surgical intervention.

1.1 List the medico-legal issues in this case (15 marks)

1.2 Discuss consent in this case (25 marks)

1.3 What are the important issues you have to consider when completing the MLEF? (30 marks)

1.4 How would you reconstruct the incident with the observed injury pattern? (30 marks)

2. You are called upon to conduct a postmortem examination on a body found floating in the river.

2.1 List the medico legal issues in this case (25 marks)

2.2 How will you proceed to find the answers for the medico-legal issues identified? (75marks)

3. Police has produced a 14 year old girl, said to be sexually abused for Medico legal examination.

3.1 Briefly describe how you will proceed with examining this patient? (40 marks)

3.2 How will you interpret the examination findings of the hymen? (30 marks)

3.3. What are the specimens you would collect in this case? (20 marks)

4.

4.1 List the indications to order an Inquest. (40 marks)

4.2 What are the preconditions to do a pathological postmortem examination? (30 marks)

4.3 How will you write a proper cause of death? Explain by giving an example. (30 marks)

5. A 3 year old child was brought by the parents to the casualty surgical ward unit with injuries. The medical officer has suspected “non accidental injury”.

5.1 How will you diagnose non accidental injury in this child? (75 marks)

5.2 If this is an accidental injury how will you manage this case? (25 marks)