

UNIVERSITY OF JAFFNA, SRI LANKA

SECOND EXAMINATION FOR MEDICAL DEGREES PART II (2nd) — October 2015
Forensic Medicine

Date: 26.10.2015.

Time: 03 hours

ANSWER ALL FIVE QUESTIONS

Answer Part A and Part B in separate answer books.

Part A

1. You are the house officer in a surgical ward. A patient died in the ward few days after the admission
 - 1.1 List five (05) circumstances, under which you would request for an inquest. (25 Marks)
 - 1.2 List three (03) important conditions, which should be satisfied before conducting a 'pathological autopsy'. (25 Marks)
 - 1.3 If this patient had a stab injury on the chest, outline the important medico-legal duties you would have carried out related to the patient's condition before the death(25Marks)
 - 1.4 List five (05) features, on which the J/140 would suspect that this was a suicidal stab injury (25Marks)

2. A young unmarried female was found dead with gunshot injury. Jaffna Magistrate ordered to do a postmortem examination on this body.
 - 2.1. Briefly describe how you would distinguish rifle firearms from smooth bore weapons based on the injury pattern. (25Marks)
 - 2.2. At postmortem examination there is a circular penetrating injury on the left occipital area measuring 10 mm in diameter, the cerebral laceration extends from this injury to the right parietal area of the brain and a bullet embedded in the right parietal area.
 - 2.2.1. State the cause of death according to the WHO classification (25Marks)
 - 2.2.2. List three (03) medico-legal opinions which can be given in your report (25 Marks)
 - 2.2.3. The genital examination revealed a fresh hymenal tear at 6 'o' clock position. List five (05) samples you would collect from this case giving reasons. (25 Marks)

Part B

3. Discuss the phenomenon of post mortem artefacts in various circumstances and the difficulties they present in being differentiated from ante mortem events. How will you differentiate them? (100Marks)

4.
 - 4.1. Briefly discuss consent in relation to medico-legal practice in Sri Lanka (50 Marks)
 - 4.2. Discuss "Medical Negligence" (50Marks)

5.
 - 5.1. List five plants bearing poisonous fruits in Sri Lanka (20Marks)
 - 5.2. Name the toxins in each fruit. (20Marks)
 - 5.3. Briefly describe the modes of action of the above toxins. (60Marks)