



Report - Babsh
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**FACULTY OF MEDICINE
UNIVERSITY OF KELANIYA**

SECOND EXAMINATION FOR MEDICAL DEGREES

APRIL 2019

UNIT 4

STRUCTURED ESSAY QUESTIONS

PAPER II

Date: 15.05.2019

Time: 1.00 p.m. to 4.00 p.m.

Time allowed: THREE hours

INSTRUCTIONS:

There are **six** questions. Please answer **ALL** questions.

Answer each question in the space provided.

Write your index number on each page.

1 A 15-year-old son and his 45-year-old mother were brought in by the relatives to the Emergency Treatment Unit of the North Colombo Teaching Hospital. The mother stated that they were assaulted by her drunken husband.

The boy had a stab injury to the chest and he was breathless on admission. His blood pressure was 100/70 mmHg and pulse rate was 90 beats per minute. The emergency room doctors inserted an intercostal tube (IC tube) immediately and sutured the stab wound under local anaesthesia. After X-ray examination he was sent to the surgical ward.

The surgeon decided that the boy does not need any other intervention since there is only blunting of the costophrenic angle in the X-ray and recommended monitoring. The 24-hour drain from the IC tube was 100 mL. Haemoglobin level reported the next day was 15g/dL. If you were the Medical Officer-Medico-Legal who is attending to this boy:

1.1 State the category of hurt you will record in the medico legal examination form (MLEF) giving reasons. (20 marks)

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While attending to the patient a group of medical students approaches you and requests you to explain limb H of the category of grievous hurt in the penal code, using the above patient as an example.

1.2 Briefly state how you would explain this to the students. (25 marks)

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Two days later the boy developed fever and pneumonia was diagnosed. Despite treatment he died on the 5th day. If you were the House Officer in the ward:

1.3 List person/s that you have to inform this death to commence the inquest. (5 marks)

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Index number:

1.4 State the person who will be in charge of this inquest giving reasons.

(10 marks)

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1.5 List five (5) other types of deaths that should be investigated by the above person you have mentioned in 1.4.

(15 marks)

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The 45-year-old mother who was admitted to the surgical ward with injuries, stated that this is the 3rd time she and her children got admitted to the hospital following assault by the husband, in the past 6 months. She further alleged that the lethargic response of the doctors and the police during the past six months led to the continuation of the assaults.

1.6 Describe briefly the management that should have been carried out to prevent the assaults of the wife and family.

(25 marks)

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2 A decomposed body of a new born baby with unattended umbilical cord and suspected head injuries was found in a garbage dump. The police were informed. The magistrate for the region visited the scene and requested for an autopsy. The Medical Officer-Medico-Legal (MO-ML) was also called for the scene visit.

A 19-year-old girl suspected to be the mother of the baby was arrested by the police.

2.1 List five (5) forensically significant observations that the MO-ML would note at the scene. (15 marks)

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2.2 State five (5) medico-legal issues that the MO-ML needs to address in this case. (15 marks)

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A laceration was observed on the occipital region of the head. There were no other external injuries on the head.

2.3 Briefly discuss the other important observations that should be made in the external examination to address the above issues. (20 marks)

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Index number:

Internal examination revealed a thin layer of subdural haemorrhage and retinal haemorrhages. There were no skull fractures.

2.4 Briefly elaborate other important observations that should be made in the internal examination in order to address the medico-legal issues you have mentioned in 2.2 above.

(20 marks)

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2.5 Briefly analyse how the MO-ML can help the police to link the alleged mother with the crime.

(30 marks)

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