

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (FORENSIC MEDICINE) EXAMINATION – DECEMBER 2017

Date :- 04th December 2017

Time :- 1.00 p.m. – 4.00 p.m.

PAPER I

Answer all questions.

Commence each answer in a separate page.

Please write legibly.

1. A three month old baby lived with his mother and her new boyfriend. Mother says the child had mild fever for two days. Mother went shopping leaving the child alone with her boyfriend. On her return the baby appeared to be drowsy and subsequently found unresponsive in his cot. The child was brought to the hospital and could not be resuscitated. The victim appeared to have bruising to his chest and limbs.

1.1 List the medico-legal issues pertaining to this case. (20 marks)

1.2 Discuss the investigation of this case addressing the issues listed in 1.1. (80 marks)

2. A 25 year old previously healthy female foreign national collapsed suddenly while undergoing custom checking at the Colombo Airport. According to her friend, they have been travelling frequently including several South East Asian countries. She was admitted to National Hospital and Medico-Legal Examination Form (MLEF) has been issued by the Police.

Discuss the management of medico-legal issues of this case. (100 marks)

3. A young female said to be a 19 year old, was admitted to a surgical casualty unit with abdominal pain. In-ward ultrasound scan confirmed an intrauterine pregnancy. She appeared to be mentally subnormal and referred for clinical forensic examination.

Discuss the ethical and medico-legal management of this case. (100 marks)

4. An unknown male of about 50 years of age has been found dead inside a burnt van. His body was in the driving seat and showed extensive fire damage.

Discuss the death investigation in this case. (100 marks)

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MD (FORENSIC MEDICINE) EXAMINATION – DECEMBER 2017

Date :- 05th December 2017

Time :- 9.30 a.m. – 12.30 p.m.

PAPER II

Answer all questions.

Commence each answer in a separate page.

Please write legibly.

1. Discuss the value of peer reviewing process in medico-legal practice. (100 marks)
2. Discuss “do drug concentrations in blood change after death?” (100 marks)
3.
 - 3.1 Define “sudden unexpected death in epilepsy (SUDEP)” (40 marks)
 - 3.2 Describe the possible mechanisms of death in SUDEP (60 marks)
4. Discuss atypical injuries caused by high velocity firearms. (100 marks)
5. Discuss the value of petechial haemorrhages in determining the cause of death. (100 marks)
6. Compare and contrast the Medical Examiner system and the Sri Lankan system in death investigation. (100 marks)
7. Discuss the value of histological examination in maternal death investigations. (100 marks)
8. Discuss how the autopsy can help in determining the posture/position of a pedestrian at the time of impact with a car. (100 marks)
9. Discuss difficulties faced by Judicial Medical Officer in interpretation of injuries observed in a victim of alleged police assault. (100 marks)
10. Discuss correlations a Judicial Medical Officer can draw from blood stain patterns at the scene of crime and injuries on a victim. (100 marks)