

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (FORENSIC MEDICINE) EXAMINATION – SEPTEMBER 2018

Date :- 10th September 2018

Time :- 1.00 p.m. – 4.00 p.m.

PAPER I

Answer all four questions.

Commence each answer in a separate page.

Please write legibly.

1. A 25 year- old female presented to the office of Judicial Medical Officer with a history of assault by an acquaintance 2 days ago. She complained of abdominal pain and mild vaginal bleeding following a blow to her lower abdomen. As part of the investigation the doctor explained the need to perform a vaginal and digital rectal examination. She consented but was obviously unhappy about it. She asked him if it could be done by a female doctor. The only female doctor was on leave at that time.

Because of the doctor's busy schedule he decided to go ahead with the examination despite the unavailability of a female chaperone. On the following day the director of the hospital received a complaint from the patient's boyfriend accusing the examining physician of inappropriately touching the patient.

Discuss how you would manage this case paying particular attention to the ethical and legal issues. (100 marks)

2. Discuss the introduction of modern technological advances in forensic practice in Sri Lanka. (100 marks)

3. Discuss how you would establish the manner of death in firearm fatalities: suicide vs. homicide vs. accident vs. undetermined (100 marks)

4. A young adult male is found on the floor of a fuel station restroom. The ambulance squad is called to the scene but the patient could not be resuscitated.
 - 4.1 List the medicolegal issues pertaining to this case. (20 marks)
 - 4.2 Discuss how you would handle this case. (80 marks)

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MD (FORENSIC MEDICINE) EXAMINATION – SEPTEMBER 2018

Date :- 11th September 2018

Time :- 9.30 a.m. – 12.30 p.m.

PAPER II

Answer all ten questions.

Commence each answer on a separate page.

Please write legibly.

1. Describe the medicolegal importance of the examination of the oral mucosa and the frenulum. (100 marks)
2. Describe the types and sites of defense injuries. (100 marks)
3. Describe the histopathological findings in intravenous drug abuse in a decedent. (100 marks)
4. Describe the microscopic autopsy findings in atherosclerotic and hypertensive heart disease. (100 marks)
5. Discuss the medico-legal issues and possible recommendations in the current practice of organ/tissue transplantation in Sri Lanka. (100 marks)
6. Describe the importance of trace evidence in a case of strangulation following sexual assault. (100 marks)

7. Discuss the autopsy findings in a 25 year-old male who expired following acid ingestion. (100 marks)
8. Discuss the outcome of an infant death with a negative autopsy. (100 marks)
9. Discuss the types of hymens and how they could impact the interpretation of sexual assault in children. (100 marks)
10. Describe how you would establish the gender identity in human skeletal remains. (100 marks)