

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (FORENSIC MEDICINE) EXAMINATION – MAY 2019

Date:- 27th May 2019

Time :- 1.00 p.m. – 4.00 p.m.

PAPER I

Answer all four (04) questions.
Commence each answer in a separate book.
Write legibly.

1. All the hospitals were kept vigilant due to prevailing condition in the country. You as a consultant Judicial Medical Officer are working in a District General Hospital and the Director has instructed you to do a presentation to the entire hospital staff and the local Police regarding “action plan” of medicolegal management of mass disaster.

Describe and justify the key areas of your presentation. (100 marks)

2. Dismembered partly burnt human remains were found in a shallow pit.

2.1. Describe the medico legal issues related to this case. (20 marks)

2.2. Discuss how you would address above mentioned medicolegal issues as a Judicial Medical Officer investigating this case. (80 marks)

3. A 25-year old female was produced for clinical forensic examination by police with an allegation that her ex-boyfriend had assaulted and strangled her six hours ago.

Describe the possible injuries, trace evidence and their interpretation that you would express at the court trial. (100 marks)

4. Discuss the role and mission of a medicolegal expert in relation to the below mentioned areas giving examples.

4.1. To the benefit of the society (50 marks)

4.2. To the development of the field of forensic medicine (50 marks)

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Date:- 28th May 2019

Time :- 9.30 a.m. – 12.30 p.m.

PAPER II

Answer all ten (10) questions.

Commence each answer in a separate book.

Write legibly.

1. Discuss the radiological findings in cases of physical child abuse. (100 marks)
2. Discuss the ethical and social issues in prescribing short-term contraceptive implants among underage females. (100 marks)
3. Discuss how minor trauma contributes to death of a person suffering from cardiovascular disease. (100 marks)
4. A 25-year old male was admitted to a hospital with generalized body weakness and he died six hours after admission. Autopsy investigation revealed long term exposure to Arsenic.
Discuss the possible autopsy findings that would support the above opinion. (100 marks)
5. Critique the law of “right to information” in relation to medicolegal practice. (100 marks)
6. Describe the macroscopic and microscopic features of liver in chronic alcohol abuse. (100 marks)
7. Discuss the value of relevant laboratory investigations to establish the cause of death as “drowning”. (100 marks)
8. Describe giving reasons the differences between the injuries caused by handguns and those caused by assault rifles (eg- M16/T56). (100 marks)
9. Discuss the difficulties encountered by a forensic medical practitioner in diagnosis of chronic narcotic abuse and recommending rehabilitation. (100 marks)
10. Explain how the manner of death can be ascertained from examination of sharp weapon trauma. (100 marks)