

Original

POSTGRADUATE INSTITUTE OF MEDICINE  
UNIVERSITY OF COLOMBO

POSTGRADUATE DIPLOMA IN LEGAL MEDICINE  
(OLD CURRICULUM) EXAMINATION – OCTOBER 2017

Date:- 2<sup>nd</sup> October 2017

Time :- 9.00 a.m. – - 12.00 noon

Answer all five (05) questions.  
Answer each part in a separate book.  
Commence each answer on a separate page.  
Please write legibly.

PAPER I

PART A

1. Discuss the importance of examination of clothing in medico-legal practice. (100 marks)
2. A dead body of an emaciated elderly male was brought by Police, having been found in an abandoned bus halt. Describe the medico-legal management of this case. (100 marks)
3. A 30-year-old female foreign tourist was found in a confused state inside a parked three-wheeler. Police suspected a sexual assault. Discuss the steps of your medico-legal investigation. (100 marks)
4. Describe the injury patterns in
  - 4.1. Fall from height (50 marks)
  - 4.2. Front seat passenger of a car collided against an electric post. (50 marks)

PART B

5. A 62-year-old known asthmatic man was brought to the Emergency Department in a state of respiratory distress. Despite extensive medical management he died.
- 5.1. What is the likely cause of death? (10 marks)
- 5.2. Write four (04) possible complications of bronchial asthma. (20 marks)
- 5.3. Describe the expected macroscopic findings of the lung at autopsy. (20 marks)
- 5.4. Describe the expected microscopic findings of the lung in this case. (40 marks)
- 5.5. Briefly describe the expected findings at autopsy due to resuscitation of this man. (10 marks)

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**POSTGRADUATE DIPLOMA IN LEGAL MEDICINE**  
**(OLD CURRICULUM) EXAMINATION – OCTOBER 2017**

**Date:-** 2<sup>nd</sup> October 2017

**Time :-** 1.00 p.m. – 4.00 p.m.

Answer **all ten (10)** questions.

Answer each part in a separate book.

Commence each answer on a separate page.

Please write legibly.

**PAPER II**

**PART A**

1. Describe the autopsy features and ancillary investigation findings of suspected self- inflicted fire arm fatality. (100 marks)
2. Describe the possible features of a ‘chop wound’ caused by an assault with an axe. (100 marks)
3. Explain the value of radiology in examination of a case of assault with a sharp weapon. (100 marks)
4. Discuss elderly abuse. (100 marks)
5.
  - 5.1. Enumerate four (04) instances when traumatic asphyxia is seen. (10 marks)
  - 5.2. Describe autopsy features of traumatic asphyxia. (90 marks)
6. Discuss consent in different situations of medical practice and research. (100 marks)
7. Describe the clinical features you would expect in a person produced by Police on suspicion of long term Heroin abuse. (100 marks)
8. A body of a newborn was recovered from a garbage bin. Briefly describe the different laws which would be applicable to this case. (100 marks)

Contd.../2-

**PART B**

9. Write short notes on the macroscopic and microscopic changes in
- 9.1. pulmonary tuberculosis (40 marks)
  - 9.2. pyelonephritis (30 marks)
  - 9.3. fatty liver (30 marks)
10. A 16-year-old schoolboy with history of viral fever for last few days has collapsed and died while waiting for a bus by the side of the road.
- 10.1. What are the likely cardiac causes of death in this child? (20 marks)
  - 10.2. Considering the history of viral fever what is the most likely diagnosis out of the above conditions? (10 marks)
  - 10.3. Name three (03) viruses that can cause this condition. (30 marks)
  - 10.4. Describe microscopic and macroscopic findings of the heart in the condition mentioned in 10.2. (40 marks)