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POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

POSTGRADUATE DIPLOMA IN LEGAL MEDICINE
(OLD CURRICULUM) EXAMINATION–NOVEMBER/DECEMBER 2016

Date: 28th November 2016

Time: 9.30 a.m. – 12.30 p.m.

Answer **all** questions.

Answer each part in a separate book.

Commence each answer on a separate page.

Please write legibly.

PAPER I

PART A

1.
 - 1.1 Briefly describe medical negligence. (30 marks)
 - 1.2 State four criteria needed to be fulfilled to prove a case of medical negligence. (20 marks)
 - 1.3 Outline defences for a doctor against medical negligence. (50 marks)
2. A 24-year old male was found dead around 9 o'clock in the morning by his roommates. According to the details obtained, they have watched television until 12 midnight on the previous day and gone to sleep.
 - 2.1 List five (5) possible natural causes of death except those due to cardiac origin. (30 marks)
 - 2.2 Discuss-how you would investigate into this case. (70 marks)
3. A young female was admitted to a gynaecological ward with per vaginal bleeding and high fever. Her urine test for pregnancy was positive.
 - 3.1 List five (5) medico-legal duties of the house officer. (30 marks)
 - 3.2 Discuss the clinical findings you would expect to see during medico-legal examination. (70 marks)

4. An unidentified body of a young female was found by the side of a highway with multiple grazed abrasions, de-gloved lacerations and tire imprints.

4.1 List ten (10) medico-legal issues pertaining to this scenario. (30 marks)

4.2 Discuss the medico-legal investigation into this case. (70 marks)

PART B

5. Write an essay on macroscopic and microscopic features of the heart and the lungs in a chronic heavy smoker. (100 marks)

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Date: 29th November 2016

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PAPER II

PART A

1. Discuss the role of entomology in forensic practice. (100 marks)
2. Discuss different methods how a child could be subjected to sexual abuse. (100 marks)
3. Describe the clinical features of Niyangala (*Gloriosa superba*) poisoning. (100 marks)
4. Outline the differences of injuries caused due to smoothbore and rifled firearms at a three meter distance. (100 marks)
5. Outline the importance of dying declaration in medico-legal practice. (100 marks)
6. Describe how you would conduct an “institutional case conference” in a case of child abuse. (100 marks)
7. Compare and contrast the appearance of ligature marks in hanging and ligature strangulation. (100 marks)

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8. Describe the importance of maintaining the chain of custody in medico-legal practice. (100 marks)

9. Write short notes on pathological findings of:
 - 9.1 Bronchopneumonia (40 marks)
 - 9.2 Liver cirrhosis (30 marks)
 - 9.3 Diabetic nephropathy (30 marks)

10.
 - 10.1 List five (5) different cardiac causes of sudden death in a young adult. (20 marks)

 - 10.2 Describe the macroscopic and microscopic features of two (2) of the conditions you have listed above. (80 marks)