

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (FORENSIC MEDICINE) EXAMINATION (2018 PROSPECTUS)
NOVEMBER 2022

Date: 16th November 2022

Time: 10.00 a.m. – 1.00 p.m.

SEQ PAPER

Index No:

Answer **all six (06)** questions.

Answer the questions in the space provided.

1.2. You visited the victim's residence following the request made by the police.

List ten (10) observations of the scene to determine the possible circumstances of the incident. (10 marks)

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1.3. Surgical team have requested for organ retrieval for donation since the patient was diagnosed brain death. Briefly discuss the role of the JMO in addressing the issues that may be encountered. (15 marks)

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2. An owner of a vehicle received a telephone call around 12.00 noon saying that his 40-year-old driver who has been at a fuel queue since 6.00 p.m. on the previous day was consuming alcohol and misbehaving with some unruly people. The owner went and found him drunk and brought him back home. The owner had also noticed that the driver had a half-emptied liquor bottle in his hand when he got into the back seat of the car and that it was empty when he got down at home. As the driver was drunk, he was asked to stay in his room. After about fifteen minutes, the vehicle owner heard a noise resembling breaking of a glass and found him seated on the floor inside his room with bleeding from his right forearm and a glass of a cupboard inside his room was also broken. A cloth was wrapped around his forearm and was taken to the nearest district hospital in about half an hour. The doctor had attended and then transferred to the close by teaching hospital. The vascular surgeon had operated on the same day.

2.1. If you are the Senior Registrar who is attending to the Medico-Legal Examination Form (MLEF) of the patient who is in the ICU, on the following day.

Tabulate ten (10) important medicolegal factors that should be considered and the steps to be taken. (20 marks)

Factors	Steps Taken

2.5. Discuss the probable manner of death giving reasons. (15 marks)

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2.6. The relations requested to cremate the body. The Magistrate seeks your opinion regarding the mode of disposal and further steps to be followed. State your recommendations to the Magistrate. (15 marks)

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3.3. However, finally, termination was not performed, and she was managed until delivery at 36 weeks. Both the mother and the baby were discharged two days after delivery despite the relatives' concerns regarding the psychological disturbance of the woman. Three days later, the baby was found dead with blunt injuries to the head, and the mother admitted that she killed the baby.

List five (05) medico-legal issues in this case. (10 marks)

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3.4. Relations alleged that the obstetrician prematurely discharged her, resulting in this tragedy.

List the criteria that need to be fulfilled to complete the charge of medical negligence. (10 marks)

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5. The riot control unit of the police was deployed to control a mass public protest at the Galle Face premises.

5.1. Outline five (05) less-lethal means of control and restraint that may be used by police and security forces for either individuals or groups. (20 marks)

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5.2. Discuss the potential morbidity and mortality associated with Conducted Energy Devices (Taser/Stun Guns). (20 marks)

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5.5. Outline the clinical effects of pulmonary agents such as chlorine and phosgene. (20 marks)

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6. Two male adult friends ("A" and "B") went out in the morning to the beach to spend the day. In the late evening, on the same day the family members of "A" called "B" and said that "A" had not returned home. "B" said that they left the beach in the evening around 6.00 p.m. but did not know what happened after that.

Three days later a male body was washed ashore 5 miles away from the place where they were spending the day. The missing person was a 45-year-old and was a good swimmer.

6.1. List five (05) important medico legal issues related to this death. (05 marks)

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6.2. Tabulate five (05) methods you could use for identification of this individual with possible limitations. (20 marks)

Method	Limitations

