

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HUMANITIES AND SOCIAL SCIENCES
DEPARTMENT OF LEGAL STUDIES



LL.M IN CRIMINAL JUSTICE ADMINISTRATION DEGREE PROGRAMME
FINAL EXAMINATION (FIRST YEAR) - 2023/2024
LLPA307- CRIMINAL INVESTIGATION II

DURATION: 03 HOURS

Date: 01.12. 2024

Time: 09.30 a.m. - 12.30 p.m.

Total Number of Questions: 06

Answer FOUR (04) questions only.

Select at least two questions from each part

Candidates will be penalized for illegible handwriting.

PART (A) – BALLISTICS

1. Although the class characteristics of firearms and ammunitions are used in excluding suspected firearms in forensic crime investigation, the accidental characteristics thereof have to be microscopically examined in identifying the exact firearm used to commit the crime. Discuss.

(25 Marks)

2. Explain the value of bullet designing, taking the wounding mechanism of a hollow point hunting bullet as an example.

(25 marks)

3. Explain the following ammunitions and gun barrels with diagrammatic illustrations.

- (a) 9x18mm rimless live cartridge. (05 marks)
- (b) 7.62x39mm bottle necked spent cartridge. (05 Marks)
- (c) 9x17mm rimless empty cartridge. (05 marks)
- (d) 9mm 6x6 left-handed twist pistol barrel. (05 marks)
- (e) 12 gauge shot gun barrel. (05 marks)

(Total = 25 Marks)

PART (B) – EXPLOSIVES

4. In high explosive explosions of heavy magnitude, bodies of certain victims are atomized beyond recognition whereas there may be dead bodies scattered over a large area of ground with no apparent external injuries. Discuss.

(25 Marks)

5. Explain the basic principle, devastating effects, mechanism and the advantages of RPG-7 rocket propelled grenade.

(25 Marks)

6. The use of electronic components in mechanisms and designs of remote control bombs and the introduction of electronic components as modifications to suicide bomb kits became a major threat to the armed forces during the period of LTTE terrorism in Sri Lanka. Discuss.

(25 Marks)

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