

**THE OPEN UNIVERSITY OF SRI LANKA**  
**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**  
**DEPARTMENT OF LEGAL STUDIES**  
**LL.M IN CRIMINAL JUSTICE ADMINISTRATION – LEVEL 10- 1<sup>st</sup> Year**  
**FINAL EXAMINATION – 2017/2018**  
**LLPA307/ LWP2107 – CRIMINAL INVESTIGATION II**  
**DURATION –03 HOURS**



**Date: 06<sup>th</sup> January 2019**

**Time: 09.30 a.m. – 12.30 p.m.**

**Total number of questions: 07**

**Answer four (04) questions only.**

**Select at least two questions from each section.**

**Candidates will be penalized for illegible handwriting.**

**PART I –BALLISTICS**

1. Class characteristics of firearms and ammunitions are very important in Crime Scene Investigation.  
 Discuss. (25 marks)
  
2. Explain the mechanism of a Double Action revolver. (25 marks)
  
3. How do you identify or exclude a firearm scientifically in a case of shooting when a spent cartridge is available with a suspected self-loading firearm of same caliber? (25 marks)
  
4. a). When a muzzle loading gun is received as a case production, what are the important safety measures to be taken in the Court house?  
 b). Explain the followings with illustrations;
  - I. . 22 Long Rifle Live Cartridge
  - II. 9 x 19 mm Rimless Misfired Cartridge. (25 marks)

**PART II – EXPLOSIVES**

5. Discuss possible methods of detonation of High Explosive devices in achieving the goals of a criminal with some authentic examples; from the Forensic viewpoint.

(25 marks)

6. Explain the followings with examples;

- a) Mechanical explosion
- b) Chemical explosion
- c) Atomic explosion

(25 marks)

7. At the scenes of crime of high magnitude, there may be dead bodies with no apparent external injuries.

Discuss

(25 marks)

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