



THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HUMANITIES AND SOCIAL SCIENCES
LL.M. IN CRIMINAL JUSTICE ADMINISTRATION - LEVEL 7
FINAL EXAMINATION – 2014 / 2015
LWP 2107 - CRIMINAL INVESTIGATION II (BALLISTICS AND EXPLOSIVES)
DURATION – 03 HOURS

Date : 13th December 2015

Time: 10.00 a.m. – 1.00 p.m.

Total number of questions 6

Answer FOUR (04) questions selecting TWO (02) questions from each part. Each question carries 25 marks

Candidates will be penalized for illegible handwriting.

Part (A) - Ballistics

(Answer TWO (02) questions from this Part)

1. Write short notes on the following with examples.
 - (a) Calibre of a Pistol.
 - (b) Calibre of a rifle cartridge.
 - (c) Breech loading firearm.
 - (d) Rimmed cartridge.
 - (e) Rifling in a gun barrel.

2.
 - (a) What do you mean by "16 Gauge SBBL shot gun"?
 - (b) Briefly explain the basic mechanism of a semi-automatic rifle.

3. How do you identify or exclude a firearm scientifically in a case of shooting when a fired bullet is available with a suspected firearm of same calibre?

Part (B) - Explosives

(Answer TWO (02) questions from this Part)

4. Explosives contain oxidizing and combustible ingredients either united in a single molecule or present in different chemicals as a mixture.

Discuss with examples.

5. What do you mean by,
(a) Firing train of High Explosives.
(b) Mechanical explosion.

Explain with examples.

6. Different types of Explosive Devices became increasingly popular among the extremist groups and terrorists in the world.

Discuss.

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