

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF CERTIFICATE IN CRIMINOLOGY AND SECURITY STUDIES

CRSS 00113: INTRODUCTION TO FIRE SAFETY

STREAMS:

TIME: 2 HOURS

DAY/DATE: TUESDAY 17/04/2018

8.30 A.M – 10.30 A.M

INSTRUCTION:

SECTION A

1. (a) Define the following terms as used in fire safety.
 - (i) Fire [2marks]
 - (ii) Smothering [2marks]
 - (iii) Starvation [2marks]
 - (iv) Cooling [2marks]
 - (v) Combustion [2marks]
- (b) For fire to start, four elements must be present. Justify this statement. [10marks]
- (c) Discuss any five rules to follow in extinguishing in human residence. [10marks]

SECTION B

2. Handling flammable and combustible liquids require some safety roles for fire protection and prevention. With clear examples, discuss the any five rules to be followed. [20marks]
3. (a) Fire safety encompasses three key elements. Explain. [6marks]
- (b) Explain the four fire extinguishing agents found in portable fire fighting extinguishers. [8marks]
- (c) Explain the three fire prevention measures in a workplace. [6marks]

4. (a) Carbon dioxide is a non conductive and non-corrosive gas that does not support combustion. Discuss this statement. [10marks]
- (b) Discuss the fire safety legislative framework in Kenya. [10marks]
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