

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS
CHUKA/EMBU**

**EXAMINATION FOR THE AWARD OF DIPLOMA IN CRIMINOLOGY AND
SECURITY STUDIES**

CRSS 0234: FIRE SAFETY AND PROTECTION STUDIES

STREAMS:DIP CRSS Y2S2

TIME: 2 HOURS

DAY/DATE: THURSDAY 06/12/2018

11.30 A.M. – 1.30 P.M

INSTRUCTIONS

Answer question one and any other two questions.

Question one carries 30 marks and the other 20 marks each

SECTION A

1. (a) Explain the five broad classification of fuels. [15 marks]
- (b) Describe any five different types of fire extinguishers. [15 marks]

SECTION B

2. (a) Identify any two reasons why flash over stage is critical. [4 marks]
 - (b) Describe the lifecycle of a cycle. [16 marks]
 3. (a) Explain the warning signs of back draught. [14 marks]
 - (b) Outline any three factors affecting effectiveness of a fire protection system. [6 marks]
 4. (i) Explain with relevant examples the in- deliberate man made causes of fire. [12 marks]
 - (ii) Identify any four roles of a fire safety committees. [8 marks]
 5. (a) Describe the three basic factors affecting the fire load. [6 marks]
 - (b) Explain the basic fire prevention measures. [14 marks]
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