

CHUKA



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CHUKA / EMBU

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

CRSS 00113: FIRE SAFETY

STREAMS: CERT. CRSS Y1S3

TIME: 2 HOURS

DAY/DATE: TUESDAY 13 /07/ 2021

8.30 AM – 10.30 AM

INSTRUCTIONS:

- Answer question one (COMPULSORY) and any other two Questions.
- Do not write anything on the question paper
- This is a closed book exam, No reference materials are allowed in the examination room
- There will be No use of mobile phones or any other unauthorized materials
- NB: (All answers should be in essay format)

1. a) Fire can be very destructive, examine ways of preventing fire from occurring. [10 Marks]
 - b) It is very important to use the right fire extinguisher for the class of fire. Explain why its important to use the right extinguisher for the right type (class) of fire. [10 Marks]
 - c) Using relevant examples, describe the different classes of fire. [10 Marks]
2. a) Describe any five roles of the fire safety committee. [10 Marks]
 - b) Examine fire drills as a fire safety strategy. [10 Marks]

3. a) Using relevant examples, evaluate the various types of fuel that can start a fire. [10 Marks]
- b) There are main cause of wildland fires. Explain the causes of wildland fire. [10 Marks]
4. a) Evaluate the factors affecting the effectiveness of a fire load. [10 Marks]
- b) Outline ways of how to raise the alarm when there's a fire. [10 Marks]
5. Briefly discuss the combustion process. [20 Marks]
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