



UNIVERSITY

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CHUKA / EMBU

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

CRSS 00113: FIRE SAFETY

STREAMS: CERT (CRSS)

TIME: 2 HOURS

DAY/DATE : WEDNESDAY 22 /09/ 2021

8.30 AM – 10.30 AM

INSTRUCTIONS TO CANDIDATES:

- Answer Question One and any other Two Questions.
- DO NOT WRITE ANYTHING on the question paper.
- Question one carries 30 marks and the others 20 marks each.

SECTION A (30 MARKS)

- Q1. a) Examine the different classes of fire. [10 Marks]
- b) Describe any five warning signs of a back draught fire. [10 Marks]
- c) Explain any five causes of wild land fire. [10 Marks]

SECTION B (40 MARKS)

- Q2. a) Examine the factors that determines a fire load. [10 Marks]
- b) Using relevant examples, describe the factors affecting the choice of a fire protection system. [10

Marks]

- Q3. a) Highlight the methods of controlling and extinguishing fire. [10 Marks]

- b) Explain the types of fire extinguishers and in each case the class of fire that is appropriate to be extinguished by it. [10

Marks]

Q4. a) Discuss any five different types of fire hazards. [10 Marks]

b) Outline the objectives of fire drills as a fire safety strategy. [10 Marks]

Q5. a) Evaluate the different stages of fire and the identifiable features in each category. [20 Marks]

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