

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

CHUKA & EMBU CAMPUSES

FIRST YEAR EXAMINATION FOR THE AWARD OF CERTIFICATE IN  
CRIMINOLOGY AND SECURITY STUDIES

CRSS 00113: FIRE SAFETY AND PROTECTION

STREAMS: CERT (CRSS) Y1S3

TIME: 2 HOURS

DAY/DATE: MONDAY 6/08/2018

11.30 A.M - 1.30 A.M.

INSTRUCTIONS:

- Answer Question ONE and any other TWO Questions.

SECTION A: [30 MARKS]

QUESTION ONE

- (a) Explain any five types of fire extinguishers. [10 Marks]
- (b) Identify four elements of fire. [4 Marks]
- (c) Define the term fire. [2 Marks]
- (d) Using correct examples, explain two causes of fire. [6 Marks]
- (e) Identify four functions of fire safety committees. [8 Marks]

SECTION B: [40 MARKS]

- (a) Outline five objectives of fire drill. [10 Marks]
- (b) Describe the flash over stage of fire. [10 Marks]

QUESTION THREE

- (a) Explain any five examples of indeliberate man-made causes of fire. [10 Marks]
- (b) Explain how smoke detectors work in fire detention. [10 Marks]

QUESTION FOUR

- (a) Explain any fire warning signs of back draught of fire.
- (b) Explain the classes of fire. [10 Marks]

QUESTION FIVE

- (a) Discuss the creating conditions for back draught. [10 Marks]
- (b) Explain different methods of controlling fire. [8 Marks]
- (c) Define the term fire drill. [2 Marks]