

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF  
CRIMINOLOGY STUDIES**

**CRSS 432: FIRE SAFETY AND PROTECTION**

**STREAMS: CRSS Y4S1**

**TIME: 2 HOURS**

**DAY/DATE: THURSDAY 05/12/2019**

**2.30 P.M. – 4.30 P.M.**

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**INSTRUCTIONS:**

- **Answer question one and any other two in section B**
- **Do not write on the question paper**

**SECTION A**

- Q1 (a) (i) Outline the significance of various fire components (8 marks)
- (ii) State the tactical objectives of fire suppression (6 marks)
- (b) Outline components of Fire Safety Audit Checklist (8 marks)
- (c) (i) State the factors for consideration when selecting a fire protection system. (4 marks)
- (ii) Outline factors that can impair the effectiveness of a fire protection system. (4 marks)

**SECTION B**

- Q2. Discuss the stages of fire (20 marks)
- Q3 Using a table describe the four fire extinguishing methods under the following sub-headings; Method, fire component affected, agents used and how the agents work (20 marks)

Method	Fire Component Affected	Agents Used	How The Agents Work

Q4. Using relevant examples Write brief notes on fire extinguishers (20 marks)

Q5. Discuss the following Fire Safety Strategies

- i. Fire Drills
- ii. Fire Safety Committees
- iii. Fire assembly points
- iv. Emergency response

(20 marks)

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