



MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

UNIVERSITY ORDINARY EXAMINATION

2024/2025 ACADEMIC YEAR

THIRD YEAR FIRST SEMESTER EXAMINATION FOR BACHELOR

OF SCIENCE IN CRIMINOLOGY AND SECURITY STUDIES

CCS 302 – EMERGENCY MANAGEMENT

DURATION: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

1. Answer question ONE and any other two questions.
2. Mobile phones are not allowed in the examination room.
3. You are not allowed to write on this examination question paper.

SECTION A – ANSWER ALL QUESTIONS IN THIS SECTION

QUESTION ONE (30 MARKS)

- a. Define the following terms as used in emergency management: (8 marks)
 - i. Disaster
 - ii. Hazard
 - iii. Risk
 - iv. Disaster prone crimes
- b. Identify five types of resources typically managed during a disaster response. (5 marks)
- c. Using relevant examples, explain the four phases of emergency management in the context of a natural disaster such as a flood. (12 marks)
- d. Highlight five key elements of effective communication during an emergency. (5 marks)

SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION

QUESTION TWO (20 MARKS)

- a. Evaluate the role of social media technology in emergency management. (10 marks)
- b. Explain five functions of an incident command system. (10 marks)

QUESTION THREE (20 MARKS)

- a. Imagine you are a community leader tasked with developing a comprehensive emergency management plan for local community. outline the key components of your plan. (10 marks)
- b. Discuss the roles of various responses agencies involved in emergency management. (10 marks)

QUESTION FOUR (20 MARKS)

You are the emergency manager tasked with conducting a vulnerability assessment for your university which qualifies as critical infrastructure. Explain the key steps you would take to identify potential threats assess risks and develop mitigation strategies to enhance the universities resilience. (20 marks)