



**MURANG'A UNIVERSITY OF TECHNOLOGY**  
**SCHOOL OF EDUCATION, HUMANITIES AND SOCIAL**  
**SCIENCES**

DEPARTMENT OF SOCIAL SCIENCES

UNIVERSITY ORDINARY EXAMINATION

2023/2024 ACADEMIC YEAR

**FIRST YEAR SECOND SEMESTER EXAMINATION FOR BACHELOR OF**

**SCIENCE IN CRIMINOLOGY AND SECURITY STUDIES**

**CCS 106 – INTRODUCTION TO CRIMINAL INVESTIGATION**

**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) Explain the following terminologies as used in criminal investigation.
  - i. Chain of custody (3 marks)
  - ii. Scene integrity (3 marks)
  - iii. Dying declaration (3 marks)
  - iv. Contamination control (3 marks)
  - v. Scene 'walk – through' (3 marks)
- b) Describe one skills required by criminal investigation. (4 marks)
- c) Explain the Locard's theory in relation to crime scene investigation. (4 marks)
- d) Illustrate three ways of documenting a crime scene. (3 marks)
- e) Distinguish foot and shoes ware impressing (4 marks)

## **SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION**

### **QUESTION TWO (20 MARKS)**

- a) With an aid of diagrams, discuss any four types of search methods that can be considered to search a crime scene. (12 marks)
- b) Summarize the roles of the first responder to a crime scene. (8 marks)

### **QUESTION THREE (20 MARKS)**

- a) Analyse four techniques preferred in the collection of trace evidence in a crime scene. (10 marks)
- b) Explain the collection procedure of soil and rock samples from a crime scene. (10 marks)

### **QUESTION FOUR (20 MARKS)**

Mr. Water has come from work and finds that his house has been broken into and his old, sick mother has been raped. He suspects that his cousin (neighbour) committed the act. He reports the matter to the police for investigation. Describe in detail the procedure the police will follow in investigating the offence. (20 marks)