

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS
RESIT/SPECIAL EXAMINATION**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF ARTS IN
CRIMINOLOGY AND SECURITY STUDIES**

CRSS 442: FORENSIC INVESTIGATION

STREAMS: B.A

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 30/08/2023

2.30 P.M – 4.30 P.M.

INSTRUCTIONS:

- **Answer Question ONE and ANY Other TWO Questions.**

QUESTION ONE

- a) Explain any five investigative guiding principles for forensic investigations (10 marks)
- b) What kind of qualities should a forensic investigator possess for effective execution of his duties? (10 marks)
- c) Amplify on the techniques included under the concept of criminal investigative analysis. (10 marks)

QUESTION TWO

- a) In forensic pathology, stages of body decomposition are critical in determining the cause and time of death. Examine these stages. (10 marks)
- b) Evaluate the various causes of death that pathologists look for in forensic autopsy. (10 marks)

QUESTION THREE

You are forensic toxicology expert.

- a) Enlighten students of Criminology taking forensic investigation unit on the kind of specimen collected in investigation case of poisoning. (10 marks)
- b) Advise them on the two analytical method of forensic toxicology. (10 marks)

QUESTION FOUR

- a) Having a training in dentistry, describe how collection of bite mark as evidence is accomplished in case involving personal injuries to the head and neck to determine the presence of and reasonable cause for the claimed injury. (10 marks)
- b) Examine the various concepts applicable in sexual assault investigations that aid in bringing the perpetrator to book. (10 marks)

QUESTION FIVE

- a) Being an expert in Electronic surveillance, advice your institution on the forms of electronic surveillance that can be put in place to prevent crime. (10 marks)
 - b) Amplify on the link between science and law in forensic investigations (10 marks)
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