



# KISII UNIVERSITY

## UNIVERSITY EXAMINATIONS

### SPECIAL/SUPPLEMENTARY EXAMINATIONS

### FOURTH YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION SCIENCE

SECOND SEMESTER, 2022/2023

(NOVEMBER/DECEMBER, 2022)

BFBT 422: FORENSIC PATHOLOGY

**STREAM: Y4 S2**

**TIME: 2 HOURS**

**DAY:**

**DATE: 00/12/2022**

### INSTRUCTIONS

- 1. Do not write anything on this question paper.*
- 2. Answer ALL the questions in section A and any other TWO questions from section B.*

### **SECTION A**

**Answer all questions in this section (40 marks)**

1. State and explain the four main questions a forensic pathologist attempts to answer  
(4 marks)
2. Elucidate on the three main things that comprise an investigation over death  
(6 marks)
3. Explain briefly applications of forensic pathology. (6 marks)
4. Differentiate between cause of death and manner of death (4 marks)
5. Tabulate the features that differentiate between algor mortis and livor mortis  
(5 marks)
6. In regard to life cessation; describe the aspects that death has occurred  
(5 marks)
7. Give an account of how food digestion can be used to estimate time of death  
(5 marks)

8. As a forensic expert, give a brief description of injury evaluation on victims (5 marks)

**SECTION B (15 MKS@)**

**ANSWER ANY TWO questions in this section**

9. Discuss body decomposition under: (15 marks)
- i) Stages
  - ii) Timeline events
  - iii) Factors affecting it
10. a) Write short notes on rigor mortis (10 marks)
- b) Differentiate between cause of death and manner of death citing examples (5 marks)
11. Discuss the various types of injuries encountered in forensic pathology (15 marks)