



KAIMOSI FRIENDS UNIVERSITY
FOURTH YEAR SECOND SEMESTER UNIVERSITY
EXAMINATIONS

2025/2026 ACADEMIC YEAR

SUPPLEMENTARY EXAMINATIONS

FOR THE DEGREE OF BACHELOR OF IT /COMPUTER SCIENCE

COURSE TITLE: LEGAL AND ETHICAL ISSUES IN COMPUTING

COURSE CODE: BIT 423

DATE: 19/6/2026

TIME: 3-5PM

INSTRUCTIONS TO STUDENTS

- 1. ANSWER QUESTION ONE AND ANY OTHER TWO FROM THE CHOICES GIVEN.**
- 2. PHONES, SMART WATCHES, EAR PHONES OR ANY OTHER UNAUTHORIZED DIGITAL AND AI GADGETS AND APPLICATIONS ARE NOT ALLOWED IN THE EXAMINATION ROOM.**
- 3. ANSWER ALL QUESTIONS IN THE EXAM ANSWER BOOKLET PROVIDED.**
- 4. DO NOT WRITE ON THIS QUESTION PAPER.**
- 5. ALL KAFU EXAMINATION RULES AND REGULATIONS APPLY.**
- 6. DURATION OF EXAMINATION: TWO (2) HOURS**

KAFU observes ZERO tolerance to examination cheating.

SECTION A – COMPULSORY (30 MARKS)

CASE SCENARIO:

DataCloud Ltd, a cloud service provider, experienced a ransomware attack. Sensitive client information was encrypted and could not be accessed. Investigations revealed ignored security updates and weak backup policies. Clients are threatening legal action due to financial losses.

QUESTION ONE

- a) Identify the **legal liabilities** DataCloud Ltd may face. (10 Marks)
- b) Discuss the **ethical responsibilities** of employees in preventing such incidents. (10 Marks)
- c) Recommend **policies or controls** to mitigate future risks. (10 Marks)

SECTION B – ANSWER ANY TWO QUESTIONS (20 MARKS EACH)

QUESTION TWO

A financial services company experienced a data leak exposing client personal and financial information. The company failed to implement proper access controls and did not encrypt sensitive data.

- a) Analyze the legal consequences. (10 Marks)
- b) Recommend ethical and technical measures to prevent such incidents. (10 Marks)

QUESTION THREE

A developer copied code from another company's repository without permission.

- a) Identify legal consequences. (10 Marks)
- b) Suggest ethical actions the developer should have taken. (10 Marks)

QUESTION FOUR

- a) Define cybercrime and discuss how it differs from traditional crime, with examples. Explain potential legal penalties for cybercriminals. (10 Marks)

- b) Discuss the importance of professional ethics in IT and provide examples of codes of conduct followed by computing professionals. How do these codes prevent misconduct? (10 Marks)

QUESTION SIX

A cloud storage company failed to implement regular security audits and employee training, resulting in repeated security breaches and insider threats.

- a) Evaluate the legal and ethical implications. (10 Marks)
- b) Propose risk management strategies to prevent future breaches. (10 Marks)