

770



(University of Choice)

Masinde Muliro University of Science and Technology

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

FOURTH YEAR SECOND SEMESTER EXAMINATIONS

**FOR THE DEGREE
OF**

BSc. Comp Science, BSc – Info Tech & B-Tech – Edu (Comp Studies)

COURSE CODE: BCS 423/BIT 423

COURSE TITLE: Legal & Ethical Issues in Computing

DATE: 21ST April, 2022

TIME: 8:00-10:00AM

INSTRUCTIONS

Answer QUESTION ONE and ANY OTHER TWO

QUESTION ONE (30 MARKS)

- a. What are some of professional body in Kenya? 4 marks
- b. What are the cons in outsourcing as form of contract? 4 marks
- c. Is a trade secret applied at individual level? Explain. 6 marks
- d. When can't the essential principles of trade secrets be recognized? 4 marks
- e. Define the following terms 6 marks
 - i. Industrial Design
 - ii. Civil Law
 - iii. Internet Misuse
- f. Explain briefly the lifespan of at least three Intellectual Properties Rights. 6 marks

QUESTION TWO (20 MARKS)

- a. Explain four types of software liabilities in computing. 10 marks
- b. Enumerate the software contract essentials. 10 marks

QUESTION THREE (20 MARKS)

- a. Explain how you would deal with the following under computer misuse? 6 marks

1. Scenario One:

- i. A student hacks into a college database to impress his friends.
- ii. Later he decides to go in again, to alter his grades, but cannot find the correct file.
- iii. A week later he succeeds and alters his grades.

2. Scenario Two:

- i. An employee who is about to made redundant finds the Managing Director's password; logs into the computer system using this & looks at some confidential files. 6 marks
- ii. After asking a friend, he finds out how to delete files & wipes the main customer database.
- iii. Having received his redundancy notice he goes back in to try & cause some damage but fails to do so.
- b. Explain some of the remedies under the Computer Misuse Act, 1990. 8 marks

QUESTION FOUR (20 MARKS)

- a. What are some of the tangible & intangible intellectual properties? 4 marks
- b. Explain at least four types of Intellectual Property rights relevant to software. 12 marks
- c. What is the process of registering Intellectual Property rights in Kenya? 4 marks

QUESTION FIVE (20 MARKS)

- a.** Explain any six reasons why computing students should be concerned with legal issues. **6 marks**
- b.** Briefly explain with regard to Kenya Legislative process. **6 marks**
- c.** Explain the term freedom of information. **2 marks**
- d.** Briefly explain about data protection act. **6 marks**