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(University of Choice)

## Masinde Muliro University of Science and Technology

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER EXAMINATIONS

FOR THE DEGREE  
OF

Diploma in Information Technology

COURSE CODE: DIT 062

COURSE TITLE: Professional Legal & Ethical Issues in Computing

DATE: 21/04/2022

TIME: 1 HOUR 30 MINUTES

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INSTRUCTIONS

Answer QUESTION ONE and ANY OTHER TWO

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### 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. List the software contract essentials. **5 marks**

### QUESTION THREE (20 MARKS)

- a. Explain how you would deal with the following under computer misuse? **4 marks**

#### 1. Scenario One:

- i. A student hacks into a college database to impress his friends.
- ii. 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. **4 marks**
- ii. After asking a friend, he finds out how to delete files & wipes the main customer database.
- b. Explain what you understand by the Computer Misuse Act, 1990. **7 marks**

### QUESTION FOUR (20 MARKS)

- a. Explain at least four types of Intellectual Property rights relevant to software. **10 marks**
- b. What is the process of registering Intellectual Property rights in Kenya? **5 marks**

### QUESTION FIVE (20 MARKS)

- a. Explain any six reasons why computing students should be concerned with legal issues. **6 marks**
- b. Explain the term freedom of information. **3 marks**
- c. Briefly explain about data protection act. **6 marks**