



(University of Choice)

Masinde Muliro University of Science and Technology

UNIVERSITY EXAMINATIONS

2022/2023 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: 12/04/2023

TIME: 8:00-10:00AM

INSTRUCTIONS

Answer QUESTION ONE and ANY OTHER TWO

QUESTION ONE (24 MARKS)

- a. What are some of professional body in Kenya? **4 marks**
- b. Distinguish the ACM, BCS & IEEE code of conduct using some criteria. **9 marks**
- c. Why prosecutions under the Computer Misuse Act are rare? **6 marks**
- d. Give SEVEN Functions of Ethical Code. **5 marks**

QUESTION TWO (18 MARKS)

- a. Define the terms below: **4 marks**
 - i. Due process
 - ii. Liability
- b. Explain four types of software liabilities in computing. **10 marks**
- c. List the software contract essentials. **4 marks**

QUESTION THREE (18 MARKS)

- a. Distinguish between the basic concepts of responsibility, accountability, and liability as applied to legal decisions. **10 marks**
- b. Why is a profession losing its backing in this century? **8 marks**

QUESTION FOUR (18 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 USA? **8 marks**

QUESTION FIVE (18 MARKS)

- a. Explain the types of licenses as may be used in software contracting. **6 marks**
- b. How is software licensing implemented? **6 marks**
- c. Explain in detail any four types of contracts giving the limitations for each. **6 marks**



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

(MMUST)

MAIN CAMPUS

**UNIVERSITY MAIN EXAMS
2022/2023 ACADEMIC YEAR**

FOR THE DIPLOMA

IN

INFORMATION TECHNOLOGY

COURSE CODE: DIT 064

COURSE TITLE: PRINCIPLES OF ECONOMICS

DATE: 11/04/2023

TIME: 2:00-3:30PM

INSTRUCTIONS TO CANDIDATES

Answer **Questions ONE** and **ANY OTHER TWO**.

TIME: 1 ½ HOURS

MMUST observes **ZERO** tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over. ►

Question One

- (a) The Information Technology, with information and technology as its core, has been giving complex and profound impact on global, economy, social and cultural life. Elaborate this statement. **[10 Marks]**
- (b) A sound economic system of a country partially depends on how effective and efficient its tax system runs. Using relevant examples highlight six (6) principles of a tax system. **[9 Marks]**
- (c) Citing relevant examples, discuss the major five (5) types of division of labour. **[5 Marks]**

Question Two

- (a) Employment is a relationship between two parties usually based on a contract. Discuss in detail four (4) types of employment in Kenya highlight two (2) advantages and two (2) disadvantages of each. **[12 Marks]**
- (b) Citing relevant examples, discuss the major four primary inputs in economics. **[6 Marks]**

Question Three

- (a) Kenya like other nations in the world are facing challenges in the economic Sector. Highlight five (5) benefits of having a sound Public Finance in a country. **[10 Marks]**
- (b) A healthy Industrial relations is key in a firm's existence and growth. Discuss. **[5 Marks]**
- (c) Using relevant examples illustrate measures the Central Banks use to control the monetary issues in a country. **[3 Marks]**

Question Four

- (a) Using relevant examples differentiate the following terms:-
- (i) Monopoly and Oligopoly **[3 Marks]**
 - (ii) Budget and Public Economics **[3 Marks]**
 - (iii) Opportunity Cost and Scarcity **[3 Marks]**
 - (iv) Economies and Diseconomies of Scale **[3 Marks]**
- (b) Show in brief factors that favour Partnership business as compared to Sole Proprietorship type of Business Units. **[6 Marks]**

Question Five

- (a) Highlight in details six (6) benefits and four (4) challenges a country faces when it practices trade beyond the borders. **[10 Marks]**
- (c) Citing relevant examples differentiate between Micro economics and Macroeconomics showing the importance of each. **[8 Marks]**