



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

**MAIN CAMPUS
UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

FOURTH YEAR SECOND SEMESTER EXAMINATIONS

FOR THE DEGREE OF

**BACHELOR OF SCIENCE IN INFORMATION SCIENCE AND KNOWLEDGE
MANAGEMENT**

BACHELOR OF SCIENCE INFORMATION TECHNOLOGY

COURSE CODE: BIK/BIT 423

COURSE TITLE: INFORMATION ETHICS, LEGAL AND POLICY ISSUES

DATE: 22/04/2022

TIME: 8.00a.m. – 10.00a.m.

INSTRUCTIONS TO CANDIDATES

Question ONE (1) is compulsory
Answer TWO (2) questions from section 2

TIME: 2 Hours

**MMUST observes ZERO tolerance to examination cheating
This Paper Consists of 2 Printed Pages. Please Turn Over.**

BIK/BIT423: SOCIAL & ETHICAL ISSUES IN COMPUTING

Question One**(30 Marks)**

- (a) Principles on the Right of Access to Information”, “the right to access to information applies to all significant information, defined broadly to include everything which is held or recorded in any format or medium.” State and explain the types of information that this right pertains to? (6 marks)
- (b) (i) Differentiate between information technology and information ethics (2 marks)
 (ii) Differentiate between hacking and piracy (2 marks)
 (c) discuss the following two ethical issues arising from the introduction of information technology
- (i) Malicious codes (4 marks)
 (ii) Ergonomic/health issues (3 marks)
- (a) Information Society’ means different things to different people. Discuss (7 marks)
- (i) Social media is one of the major forms of electronic communities around the world today. Identify and explain any Four social media technologies known to you (6 marks)

SECTION 2**Answer any TWO questions from this section****Question Two**

- (a) (i) What does Freedom of expression include? (3 marks)
- (ii) The right of access to information is a specific manifestation of the freedom of expression. Why do you consider a manifestation of this freedom particularly important? (3 marks)
- (b) Discuss any Obligations imposed upon the State by the right of access to information (6 marks)
- (c) As much as right to access to information is very important, there are inherent limitations, identify and explain such limitations (8 marks)

Question Three

- (a) Discuss the following philosophical theories and approaches of ethics (12 marks)
- i. Virtue Ethics Approach
 - ii. Utilitarian Approach
 - iii. Fairness Approach
 - iv. Common Good Approach

- (b) (i) One of ethical issue brought about by information communication technologies is plagiarism. What do you understand by plagiarism? (2 marks)
- (ii) Suggest ways in which Plagiarism in a Research Paper can be minimized or eliminated (6 marks)

Question Four

(20 marks)

- (a) Intellectual property is an area of interest in all disciplines of life. Briefly explain what is considered as pornography and illustrate situations when it becomes difficult to define it. (9 marks)
- (b) How has it impacted on society especially children (11 Marks)

Question Five

(20 Marks)

- (a) However, there is an underlying concern, in all these diverse threads, that new information and communication technologies are linked with the fragmentation of social and economic life. Illustrate how true this statement is based on;
- (i) Post-industrial work environment (4 marks)
- (ii) Domestic life (4 marks)
- (b) The fragmentation of culture is a further threat to 'community' Explain how internet has caused more fragmentation as opposed to radio, TV, and Newspapers (6 marks)
- (c) Differentiate between Virtual interaction and idealized community (6 marks)