



**KIBABII UNIVERSITY**

**UNIVERSITY EXAMINATION  
ACADEMIC YEAR 2021 / 2022**

**FOURTH YEAR SECOND SEMESTER SPECIAL / SUPPLEMENTARY  
EXAMINATION**

**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**

**COURSE CODE: BIT 422**

**COURSE TITLE: INFORMATION TECHNOLOGY TRENDS AND SOCIETY**

**DATE: 25/11/2022      TIME: 8.00 -10.00 A.M DURATION: 2 HOURS**

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### **INSTRUCTIONS TO CANDIDATES**

**ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO (2) QUESTIONS  
QUESTION 1 CARRIES 30 MARKS AND ALL THE OTHER QUESTIONS CARRY 20  
MARKS EACH**

KIBU observes ZERO tolerance to examination cheating

This Paper Consists of 4 Printed Pages. Please Turn Over. ➔

**SECTION A (compulsory questions)**

**Question One (30 marks)**

- (a) Discuss the development of the different computing fields distinguishing them clearly and illustrate its current trend (20 marks)
- (b) Artificial intelligence despite its growth will never replace the teacher. Discuss (10 marks)

**SECTION B (students to choose)**

**Question two (20 marks)**

You have been employed as the Information Technology Director at Kibabii University and the university wants to engage in to block chain. Explain to management the what block chain technology is and how the university can utilise it in its operations (20 marks)

**Question three (20 marks)**

Virtual reality is a technology Kibabii University is considering in this period of Corona virus era disrupting the learning. As the Manager of Information Technology, explain to management, academic deans and heads of departments how hologram technology may be used to ensure effective and efficient learning continuity (20 marks)

**Question four (20 marks)**

- 4. Discuss the impact of computing and trend on Workplace and Labour Market (20 marks)

**Question five (20 marks)**

- 5. Discuss how the rapid changes in technology has affected the software development industry local and globally (20 marks)