



(Knowledge for Development)

KIBABII UNIVERSITY (KIBU)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

SPECIAL/SUPPLEMENTARY EXAMINATION

FIRST YEAR FIRST SEMESTER EXAMINATION

**FOR THE DIPLOMA IN
(INFORMATION TECHNOLOGY)**

COURSE CODE: DIT 057

COURSE TITLE: COMPUTER SYSTEMS AND MAINTENANCE

DATE: 18/07/2022 TIME: 2.00 P.M. – 4.00 P.M. 2HRS

**INSTRUCTIONS TO CANDIDATES:
ANSWER QUESTIONS ONE AND ANY OTHER TWO.**

Paper Consists of 5 Printed Pages. Please Turn Over ➡

QUESTION ONE [24 MARKS]

- a. Discuss the practices that ensure the safety of a computer user. 8mks
- b. State and explain the performance measures of a computer system. 6mks
- c. Define the following terms as used in a computer. 4mks
- Computer maintenance
 - Information
 - Computer system
 - Troubleshooting
- d. Explain any three elements of a computer system. 6mks

QUESTION TWO [18 MARKS]

- a. A computer system is said to be secure when proper security measures are put in place. 10mks
Discuss these security measures. 8mks
- b. Explain why computer system needs maintenance. 8mks

QUESTION THREE [18 MARKS]

- a. Discuss the ways of identifying fault in the computer system. 8mks
- b. Discuss why companies need to carryout routine maintenance of their computers. 10mks

QUESTION FOUR [18 MARKS]

- a. State and explain faults that can be found in a computer. 10mks
- b. Discuss how computers are different from normal human beings. 8mks

QUESTION FIVE [18 MARKS]

- a. State and explain any four characteristics of a computer system. 8mks
- b. State and explain the components of a computer system. 10mks