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(University of Choice)

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATIONS

FOR THE DEGREE
OF
BACHELOR IN THE ENVIRONMENTAL HEALTH

COURSE CODE: CSC 109

COURSE TITLE: COMPUTER APPLICATIONS

DATE: 17/04/2023   **TIME:** 3:00-5:00PM

INSTRUCTIONS TO CANDIDATES

Given in each section

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 3 Printed Pages. Please Turn Over.

QUESTION ONE [30 MARKS] - COMPULSORY

a) Define the following terms as used in computer applications

    i. Input   [2 marks]

    ii. Task bar   [2 marks]

    iii. Communication software   [2 marks]

b) The keyboard normally has some combinational keys. Explain. [6 marks]

c) What are some of the computer CPU components? [6 marks]

d) State the basic logical features for MS-Excel? [6 marks]

e) Convert 215_8 into binary, decimal and hexadecimal. [6 marks]

QUESTION TWO (20 MARKS)

a) Describe various types of command based operating systems, and their features. [5 marks]

b) Explain some of the most frequently used basic services of the Internet? [5 marks]

c) Briefly explain the various types of application software utilized in personal productivity. [10 marks]

QUESTION THREE (20 MARKS)

a) List the steps that you can follow when performing the following task in Ms Word.

    i. File saving   [2 marks]

    ii. Printing document in the 2 layouts   [4 marks]

b) You are manager for your own life and you are expected to give budget for the year. Explain using MS-Excel. [6 marks]

c) Convert 10100.11_8 to base 16 [8 marks]

QUESTION FOUR (20 MARKS)

a) Convert 10100.11_5 to base 9 [5 marks]

b) Describe the sequential secondary storage media, giving the strength and limitations of each? [5 marks]

c) Explain the use of PowerPoint presentation package in preparing to give a summary of your family members. [10 marks]

QUESTION FIVE (20 MARKS)

a) Briefly explain the technological development behind historical development of computers. [10 marks]

b) What are some of the shortcuts for Microsoft Windows? [5 marks]

c) Draw a diagram showing the functional units of computer hardware and their application. [5 Marks]