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(University of Choice)

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

**UNIVERSITY EXAMINATIONS
SPECIAL/SUPPLEMENTARY EXAMINATIONS
2021/2022 ACADEMIC YEAR
FIRST YEAR FIRST SEMESTER EXAMINATIONS
FOR THE DIPLOMA**

IN

CRIMINOLOGY/SOCIAL WORK

COURSE CODE: DSC 053

COURSE TITLE: COMPUTER APPLICATIONS

DATE: 27/7/2022

TIME: 8.00-10.00AM

INSTRUCTIONS TO CANDIDATES

Answer Questions ONE and ANY OTHER TWO.

TIME: 2 HOURS

MMUST observes ZERO tolerance to examination cheating

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

QUESTION ONE

a) Differentiate between the following terms:

- i. Microcomputers and Mainframe computers (2 marks)
- ii. Input and Output device (2 marks)
- iii. Application Software and System Software (2 marks)
- iv. Hardware and Software (2 marks)
- v. Cold Booting and Warm Booting (2 marks)

b) If we think of the human brain as a computer, what are the input and output devices?
[10 Marks]

c) Which of the application software categories described would be most useful to you as a student, and how do you think you would use them?
[10 Marks]

QUESTION TWO

a) State and explain five types of files in MS-DOS [10 Marks]

b) The statement “Computers don’t make mistakes, people do” is often used to support the reliability of computer output. Is the statement true? Is it relevant? [10 Marks]

QUESTION THREE

a) Discuss devices of secondary storages devices that you may require to use as a student.
[10 Marks]

b) Describe any five features of Format Menu. [10 Marks]

QUESTION FOUR

a) State and explain most common types of computer threats. [10 Marks]

b) Advantages of having internet connection in offices [10 Marks]

QUESTION FIVE

a) How is human memory similar to computer memory? How is it different? (10 Marks)

b) Discuss the advantages of using a network (10 Marks)