



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

**2021/2022 ACADEMIC YEAR**

**FIRST-YEAR FIRST SEMESTER**

**SCHOOL OF SCIENCE PURE APPLIED AND  
HEALTH INFORMATION SCIENCES**

**BACHELOR OF SCIENCE (INFORMATION  
SCIENCE)**

**COURSE CODE: COM 1100-1**

**COURSE TITLE: COMPUTER APPLICATIONS**

**DATE: 31-03-2022**

**TIME: 1100 - 1300 HRS**

**INSTRUCTIONS**

- Answer Question ONE and any other TWO

## **SECTION - A**

### **QUESTION ONE (COMPULSORY 30 MARKS)**

- a) What are the characteristics of Computer? (Marks 4)
- b) Define Data and Information? (Marks 2)
- c) What are the components of the computer system. (Marks 4)
- d) Differentiate between computer Hardware and Software. (Marks 2)
- e) Specify the various Input and Output devices? (Marks 4)
- f) Write the type of Computer Application used in Daily Life. (Marks 4)
- g) What is Application Software? List four specific types of application software. (Marks 2)
- h) Write any four feature of word processors. (Marks 2)
- i) What is a Spreadsheet? (Marks 2)
- j) What is operating system? Explain any three functions of Operating System? (Marks 2)
- k) Specify the Electronic components used for different computer generations? (Marks 2)

## **SECTION - B**

### **QUESTION 2**

- a) Explain any two differences and similarities between custom and packaged software? (Marks 2)
- b) How are computers used in the fields of communications and education? (Marks 2)
- c) (i) Differentiate between CTRL + C and CTRL +X (Marks 2)  
(ii) Differentiate between SHIFT + → and SHIFT + ← (Marks 2)
- d) Explain any file areas where Computer Presentation Software are used. (Marks 4)
- e) What is the difference between file and folder? (Marks 2)
- f) What is text alignment in MS Word? Explain any two type of horizontal text Alignment. (Marks 2)
- g) What do you understand by icons? Define how helpful are they in the GUI. (Marks 2)

### **QUESTION 3**

- a) Explain any three application area of electronic sheet. (Marks 3)

- b) Elaborate the use of Home/Personal Software? Give any two examples. (Marks 2)
- c) Discuss the role of Virus Protection/Antivirus program in the computer? (Marks 4)
- d) What do you understand by Computer memory? List four units of measure for computer memory and storage. (Marks 3)
- e) Name and describe three types of storage devices. (Marks 2)
- f) Differentiate between backup and data recovery software. (Marks 4)
- g) Differentiate between Freeware and Shareware. (Marks 2)
- QUESTION 4**
- a) What is internet? (Marks 2)
- b) What is the use of internet? (Marks 4)
- c) What do you understand by Network Piracy (Marks 2)
- d) How Software Piracy is a big challenge in software industries? (Marks 4)
- e) Differentiate between Directories and search engines. (Marks 2)
- f) What is the Computer Virus? How can they affect our Computer System? (Marks 4)
- g) What do you understand by uploading? (Marks 2)

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