

(University Of Choice)

**MASINDE MULIRO UNIVERSITY OF SCEINCE AND TECHNOLOGY**

**(MMUST)**

**UNIVERSITY EXAMINATIONS**

**2017/2018 ACADEMIC YEAR**

**FIRST YEAR SECOND SEMESTER EXAMINATIONS**

**FOR BACHELOR**

**OF**

**EDUCATION ARTS**

**COURSE CODE: CSC 109**

**COURSE TITLE: COMPUTER APPLICATIONS**

**DATE: Thursday 04/10/2018 Time: 08:00-10:00 aM**

**INSTRUCTIONS TO CANDIDATES**

Question ONE (1) is Compulsory

Answer ANY OTHER TWO (2) questions

MMUST observes ZERO tolerance to examination cheating

This paper consists of 4 printed pages. Please Turn Over.

**QUESTION ONE (25 marks)**

1. A computer system is made up of various hardware components. Giving an example in each case, identify the four basic functional units of a typical computer.
2. What do you understand from the term ***booting?*** Hence, differentiate between ***warm booting*** and ***cold booting***.
3. (i) Differentiate between **Editing** and **Formatting** as used in computer applications.

(ii) Identify any four **formatting** features that have been applied to this document.

1. Application software constitutes programs that are used to solve common user tasks. Name at least one application program that falls into each of the following categories, stating their common use:
2. Presentations software
3. Database systems
4. Internet Applications

1. clearly show the procedure you would use to accomplish the following tasks in a Windows environment:
2. create a folder called MMUST on the desktop
3. Retrieve a document that has just been deleted from the desktop accidentally

**QUESTION TWO (15 marks)**

1. Explain the meaning of URL with reference to the Internet, giving example.
2. What do you understand from each of the following terms used with computer applications:
3. Menu
4. Dialogue box
5. Word Wrap
6. Identify any four features you would apply to enhance an MS PowerPoint presentation.
7. Explain clearly any five advantages of using electronic Spreadsheets such as MS Excel over manual records.

**QUESTION THREE (15 marks**)

1. Application software can be grouped as **off-the-shelf** or **customized** applications.
2. Briefly describe each of these categories of software
3. State two advantages of each type of software

(b) State the purpose of each of the following combination of keyboard keys in computer applications:

CTRL+S; ALT+CTRL+DEL; SHIFT+V; CTRL+B; CTRL+Z

(c)The following grid represents a section of an MS Excel Worksheet.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | A | B | C | D | E | F |
| 12 |  | **APTITUDE TEST** | | | |  |
| 13 | **Name** | **Reg. No** | **Language/50** | **Arithmetic/50** | **Total%** | **Remark** |
| 14 | Smith B. | AP03 | 24 | 47 | **71** | Pass |
| 15 | Oure D. | AP001 | 16 | 38 | **54** | Pass |
| 16 | Kagara S. | AP002 | 23 | 36 | **59** | Pass |
| 17 | Kabuitu P | AP004 | 18 | 20 | **38** | Fail |
| 18 | Bett R. | AP005 | 12 | 24 | **36** | Fail |
| 19 | **Average score** | | **18.6** | **33** | **51.6** |  |

1. State the formula used to obtain the total mark at cell E14.
2. What would that formula be when copied to cell E18?
3. State the formula used to determine the remark at cell F14 based on a pass mark of 50.

**QUESTION FOUR (15 marks)**

1. Differentiate between a GUI and a CLI interface as used with operating system environments.
2. You are required to create a table for storing customer details in a database program. State the appropriate data type for each of the following fields:
3. Customer ID
4. Registration Date
5. Customer Name
6. Amount Owed
7. Differentiate between the use of each of the following sets of commands in computer applications:
8. Save and Save As
9. Print and Print Preview
10. What do you understand from each of the following terms associated with the internet:
11. Web browse
12. Search engine
13. Website

**QUESTION FIVE (15 marks)**

1. Differentiate between proprietary software and Open Source software.
2. Using relevant example, illustrate what is meant by ***Primary Key*** in a database.
3. Give any five reasons why electronic word processors such as Microsoft Word are preferable over traditional typewriters.
4. Clearly illustrate the significance of “What-if-analysis” in Spreadsheet applications.
5. Concord Restaurant, a major hospitality business in town, is seeking to computerize its operations. Explain any four ways in which the firm can benefit by establishing a connection to the Internet.