



*(University of Choice)*

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

**MAIN CAMPUS AND NAIROBI CENTRE**

**UNIVERSITY EXAMINATIONS**

**2018/2019 ACADEMIC YEAR**

**FIRST YEAR SECOND TRIMESTER SPECIAL EXAMINATIONS**

**FOR THE DEGREE**

**OF**

**BACHELOR OF SCIENCE IN PYSIOTHERAPY**

**COURSE CODE: CSC 110**

**COURSE TITLE: FUNDAMENTALS OF COMPUTING**

**DATE: Friday October 2019**

**TIME: 9:00 Am- 12:00 Noon**

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**INSTRUCTIONS TO CANDIDATES**

Answer all questions

Section A: Multiple Choice (MCQ)

20Marks

Section B: Short answer Questions (SAQ)

40 Marks

Section C Long answer Questions (LAQ)

40 Marks

**TIME: 3 Hours**

MMUST observes ZERO tolerance to examination cheating This paper consists of 4 printed pages. Please turn over.

CSC 110: Fundamental of computing

**Section A: Multiple Choice (MCQ)**

**20Marks**

1. The heart of a computer is
  - A. Input unit
  - B. RAM
  - C. CPU
  - D. ALU
2. What is a set of instructions that directs the computer to process information?
  - A. Software
  - B. Compiler
  - C. Both A and B
  - D. None.
3. Which of the following is refreshed many times per second?
  - A. ROM
  - B. RAM
  - C. Dynamic RAM
  - D. Eprom.
4. CD ROM is \_\_\_\_\_.
  - A. Memory register
  - B. Semi-conductor Memory
  - C. Secondary Memory
  - D. None of the above
5. Operating system is?
  - A. Language.
  - B. Program.
  - C. Application software.
  - D. System software.
6. Computer speed is measured in?
  - A. seconds
  - B. Minute.
  - C. Clock cycle
  - D. All the above
7. When we delete a file, the file goes to
  - A. My computer
  - B. Control panel
  - C. Recycle bin
  - D. None of the above
8. DTP stands for?
  - A. Device transfer program
  - B. Device Transfer protocol
  - C. Desk top publishing
  - D. None of the above
9. The memory which is programmed at the time of manufacture
  - A. ROM
  - B. PROM
  - C. EPROM

- D. None of the above
10. Which of the following is a secondary memory?
- A. RAM
  - B. DISK
  - C. Keyboard
  - D. None of the above.
11. The user can enter the data through
- A. CPU
  - B. Keyboard
  - C. Plotter
  - D. Printer
12. Disk clean helps to free
- A. Recycle bin
  - B. Spaces
  - C. Data
  - D. All the above
13. The smallest unit of storage is
- A. Bit
  - B. Byte
  - C. Kilobyte
  - D. Megabyte.
14. In digital computer data is represented in?
- A. Octalform
  - B. Hexadecimal
  - C. Binary form
  - D. Ethnoscience
15. A new printer can be added by printer option
- A. File manager
  - B. My computer
  - C. Windows control panel
  - D. None of the above.
16. Evaluation research is most similar to other types of research in its concerned with
- A. Gigabyte
  - B. Petabyte
  - C. Exebyte.
  - D. Zettabyte
17. VGA stands for
- A. Volatile graphics assess
  - B. Video graphics array
  - C. Video graphic adapter
  - D. None of the above
18. Which of the following is output device:
- A. Printer
  - B. Joy stick
  - C. Mouse.
  - D. Processors

19. The computer consists of:

- A. Memory
- B. CPU
- C. I/O device
- D. All of them

20. RAM is a type of

- A. Write only
- B. ROM
- C. Read write memory
- D. None of the above

**Section B- 40 Marks**

- 1) What do you understand by the term computer virus and how we prevent an attack of the same? **(10 Marks)**
- 2) Operating is a catch word in ICT. Explain with examples what it means. **(10 Marks)**
- 3) Using examples explain what you understand by computer apps, **(10 Marks)**
- 4) Briefly discuss how these apps link up smart phones. **(10 Marks)**

**Section B: Short answer Questions (SAQ)**

**40 Marks**

1. Discuss the cloud computing using appropriate examples. Remember to include the merits and the demerits **(20 Marks).**
2. You have asked to design a computing device for nurses in the rural. Give a detailed blue print for your prototype. **(20 Marks)**