



(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

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)**