Name: _____ **Stream:** _____

STANDARD HIGH SCHOOL – ZZANA
END OF TERM ONE EXAMINATION, 2020
SENIOR TWO

COMPUTER STUDIES PAPER 1
$1\frac{1}{2}$ **Hours**

Instructions
i. *Write your **name** and **stream** in the space provided.*
ii. *This paper consists of two compulsory sectionsA and **B**.*
iii. *Write your best alternative **A,B,C,** or **D** in the boxes provided for questions **1** to **20**.*
iv. *Answers to **section B** should be written in the spaces provided.*
v. Forward scanned answer sheets to stahiza2020@gmail.com

SECTION A (20 MARKS)

1. Which one of the following devices produces a softcopy as its output?
   A. Display device.   B. Plotter.   C. Robot.   D. Laser printer.   ☐

2. Small pictures that represent commands in a graphical user interface are……
   A. Icons   B. Cursors   C. Symbols   D. Graphics   ☐

3. The ability of a computer to run many jobs at the same time is called ………
   A. Multitasking   B. Flexibility C. Versatility D. Diligence.   ☐

4. The ……… is responsible for the mathematical and comparison sequences in the CPU.
   A. Main memory.   B. Microprocessor   C. Control unit   D. ALU   ☐

5. In which computer classification does a Personal Digital Assistant (PDA) belong?
   A. Size   B. Purpose   C. process   D. processor power   ☐

6. Which of the following is a primary input device to a computer?
   A. Scanner   B. mouse   C. Keyboard   D. Digital camera   ☐

7. A ……, or character is composed of eight ………
   A. Kilobyte, megabytes B. bit, bytes   C. Megabyte, kilobytes   D. byte, bits.   ☐

8. The technology that made the microcomputer possible was
   A. The vacuum tube   B. Printed circuit board   C. the microprocessor
   D. Magnetic core.   ☐

☐

9. The general term used to mean step by step instructions to a computer is
   A. Hardware   B. software   C. network   D. compiler

10. The term used to explain the computer's ability to work for long without getting tired is called
    A. Versatility   B. Diligence   C. Storage   D. Automation

11. Which of the following characteristics will be associated with the future computers?
    A. Expensive computers B. Advanced robotics C. Big sized system units
    D. Inadequate storage systems

12. Which of the following can be written to, only once?
    A. Diskette   B. Hard disk   C. Flash disk   D. CD-ROM

13. Real time processing is a task of ……….
    A. Utility programs   B. Programming languages   C. Operating systems
    D. Application programs.

14. ………….. is not an example of an input device.
    A. OCR   B. MICR   C. OMR   D. LCD

15. The text you type using a computer is directly stored in ………………….
    A. RAM   B. a file   C. a folder   D. ROM

16. Which of the following is an impact printer?
    A. Inkjet printer B. Bubble jet printer   C. Line printer   D. Thermal printer

17. Computer programs used in tasks such as editing documents can be categorized as
    A. Word processors   B. Antiviruses   C. Communication programs
    D. Utility programs

18. Which of the following are the two general types of programs?
    A. System software and application software   B. Microsoft and operating systems
    D. Word processors and databases   D. Entertainment and productivity

19. A file is
    A. A section of the main memory used to store data.
    B. A part of the program used to describe what the program does.
    C. Another name for a folder
    D. A collection of information that has been given a name and stored on the secondary memory.

20. …….. is the one-word term used to refer to the setup procedure of putting new programs into our computer.
    A. Copying   B. Encrypting   C. Installation   D. Compressing

SECTION B (50 MARKS)

21. a) i) Define the term**hardware** as used in computer studies. (1 mark)

_____

_____

_____

ii) List down **two** examples of hardware components that make up a computer system. (2 marks)

_____

_____

b) i) What is an **input** device? (1 marks)

_____

_____

ii) Give two examples of **hand-held** input devices. (2 marks)

_____

_____

c) State the **four divisions** of a keyboard. (4 marks)

i_____iii_____ii

_____ iv_____

22. a) State any two advantages and two disadvantages of impact printers over non-impact printers. (4 marks)

Advantages

i. _____

_____

ii. _____

_____

Disadvantages

i. _____

_____

ii. _____

_____

b) Identify any two advantages of display devices such as monitors over printers.

(2 marks.)

i. _____

_____

ii. _____

_____

c)i)Distinguish between primary and secondary memory. (2 marks)

_____

_____

_____

_____

ii) Give one example of each type of storage in (c) (i) above. (2 marks)

_____

_____

23. a) Define the term **output**. (2 marks)

_____

_____

_____

b) Differentiate between the following: (8 marks)

i.   Softcopy and Hardcopy.

_____

_____

_____

ii. Liquid crystal display and **LED** display

_____

_____

_____

_____

iii.   Resolution and Dot pitch

_____

_____

_____

_____

iv.   Page printer and Line printer

_____

_____

_____

24. a) What is computer software?   (1 mark)

_____

_____

b) Differentiate between system software and application software.   (2 marks)

System software

_____

_____

_____

Application software

_____

_____

_____

b) i) Give two examples of each type of software in (24) (b).   (4 marks)

System software

_____

_____

Application software

ii) Outline any threeresources managed by the operating system.   (3 marks)

_____

_____

_____

25. a) What is booting in relation to computers?   (1 mark)

_____

_____

_____

b) Distinguish between cold booting and warm booting?   (4 marks)

Cold booting

_____

_____

_____

Warm booting

_____

_____

_____

c) State any five factors to consider when choosing an Operating system.   (5 marks)

  i. _____

  ii. _____

 iii. _____

 iv. _____

  v. _____

END