

Name.....Signature\_\_\_\_\_

**840/1**  
**COMPUTER STUDIES**  
**Paper 1**  
**Jul/Aug, 2018**  
1 ¼ Hours

**NAKASEKE SEVENTH DAY ADVENTIST S.S**

**Senior One End of Term Two Examination**

**COMPUTER STUDIES**

**Paper 1**

1 Hour 15 Minutes

**INSTRUCTIONS TO CANDIDATES:**

*Write your name and stream in the spaces above.*

*This paper consists of **two** sections: **A** and **B**.*

*Section **A** contains **20 compulsory** objective-type questions. Write your best alternative: **A, B, C** or **D**, in the table provided below.*

*Section **B** contains **three compulsory** structured questions. Answers must be written in the spaces provided.*

TABLE FOR SECTION A ANSWERS									
1.		5.		9.		13.		17.	
2.		6.		10.		14.		18.	
3.		7.		11.		15.		19.	
4.		8.		12.		16.		20.	

MCQ	21	22	23	X/50	TOTAL

## SECTION A

*(The most correct objective should be written in the grid table above)*

1. Which of the following was a development during the mechanical era (1623 – 1945)?  
A. Analytical engine.      B. Transistors.      C. Vacuum tubes.      D. Abacus.
2. Electronic instructions in a computer are commonly referred to as  
A. Hardware.      B. Analog.      C. Procedures.      D. Software.
3. Which of the following is a first generation computer?  
A. EDVAC.      B. Xerox Alto.      C. Apple Macintosh.      D. PDP-8.
4. IC chips used in computers are usually made of  
A. Lead.      B. Silicon.      C. Chromium.      D. Gold.
5. Which of the following statements is true?  
A. Minicomputer works faster than Personal Computers.  
B. Laptops work faster than Microcomputers.  
C. Super computers are examples of Mainframe computers.  
D. Big iron computers are also known as Mid-range computers.
6. Analog computer works on the supply of  
A. Discontinuous electrical pulses      B. Magnetic strength.  
C. Continuous electrical pulses.      D. Binary digits 0 and 1 (bits).
7. Which of the following is still useful for adding numbers?  
A. Blaise Pascal's Calculator.      B. ENIAC.      C. Abacus.      D. UNIVAC.
8. The following are negative effects of computers on our society except  
A. Moral Decay.      B. Addiction.      C. Electronic Fraud.      D. Telecommuting
9. The acronym CAL stands for  
A. Computer Assisted Language.      B. Computer Aided Learning.  
C. Computer Assisted Learning.      D. Computer Added Learning
10. Which is not a multi-user computer?  
A. A midrange computer      B. A microcomputer      C. A minicomputer      D. A mainframe computer
11. Which of the following sequence shows computers arranged in descending order according to their physical size and processing power?  
A. Microcomputer, minicomputer, mainframe computer, supercomputer.  
B. Supercomputer, mainframe computer, minicomputer, microcomputer.  
C. Mainframe computer, minicomputer, microcomputer, supercomputer.  
D. Minicomputer,      supercomputer,      mainframe      computer,      microcomputer.

**12.** Which of the following statement is not true about computers?

- A. Computers need close supervision to be able to perform the required task
- B. As technology advances, the size of computers reduces
- C. Computers can perform more than one tasks at the same time
- D. Computers can be programmed to take up roles of human beings

**13.** Which of the following are not analog devices?

- A. A monitor with knobs that are rotated to increase to increase brightness.
- B. A monitor with buttons that one presses to increase brightness.
- C. A radio with a knob that slides in a slot to increase volume.
- D. A thermometer.

**14.** Why must food and liquids be kept out of the computer room?

- A. Because it is a rule. You are chased if you come with food to the lab.
- B. Because if you eat while using computers, the food may choke you.
- C. Because the smell of food may attract rats that may eat the computer wires.
- D. Because liquids and food crumbs can cause corrosion and damage computer components.

**15.** 3GB is a measurement of \_\_\_\_\_ while 2.3GHz is a measurement of \_\_\_\_\_

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| A. Computer speed, Computer memory   | C. Computer memory, processing power |
| B. Processing Power, Computer memory | D. Computer speed, processing power. |

**16.** Main frame computers have many users connected via

- |                                |                  |
|--------------------------------|------------------|
| A. Connected Computer monitors | C. Work stations |
| B. Integrated computer systems | D. Dumb terminal |

**17.** Minicomputers are also known as

- |                       |                          |
|-----------------------|--------------------------|
| A. Big iron computer  | B. Midrange computers    |
| C. Personal Computers | D. Organization Computer |

**18.** The American statistician who developed a mechanical tabulator based on punched cards to rapidly represent the data gathered for the USA population census of 1890 was:

- A. Howard Aiken.    B. Dr. Grace Murray Hopper.    C. Herman Hollerith.    D. William Oughtred.

**19.** Tangible components of a computer are called?

- |             |             |                |              |
|-------------|-------------|----------------|--------------|
| A. Software | B. Hardware | C. Peripherals | D. Equipment |
|-------------|-------------|----------------|--------------|

**20.** Which of the following refers to the categories of computers

- A. Microcomputers, mainframe computers, minicomputers
- B. Digital, Analog, Hybrid computers
- C. Desktop, Laptop, PDA
- D. Super computers, mainframe computers, microcomputers

## **SECTION B**

*(Answers to this section must be written in the spaces provided)*

21. (a) What is a computer?

(01 mark)

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(b) Mention any five components of the computer system.

(05 marks)

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(c) Define the term **computer software**.

(02 marks)

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State the two categories of computer software

(02 marks)

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22. (a)(i) Define the following terms as applied to computers

(02 marks)

**Computer Integrity.**

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**Computer Ethics**

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(b) Outline any **four** measures that should be done to ensure safety in a computing environment (04 marks)

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(c) State any **four** activities that should be carried out to maintain computers in good working condition.

(04 marks)

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23.(a). Differentiate between analog and digital computers

(02 marks)

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(b). State any four ways of classifying the computers

(04 marks)

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(c). give two examples of computers under each of the following categories of computers

(04 marks)

(i) Analog computers

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(ii) Microcomputers

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END

