

**Name:** ..... **Combination**.....

**Signature:** .....

**S850/1**

**Subsidiary Information and Communication Technology**

**Paper 1**

**Senior 5 End of Term 2**

**Instructions:**

- **Answer all questions.**
- **Write neatly and legibly.**
- **Use appropriate technical terms where required.**
- **Time allowed: 2 hours**
- **This paper is out of 50 marks.**

**Section A: Multiple Choice Questions**

1. Which of the following is NOT considered hardware?

- A. Monitor
- B. Operating System
- C. Keyboard
- D. CPU

2. RAM stands for:

- A. Read And Modify
- B. Random Access Memory
- C. Real-time Action Module
- D. Rapid Access Machine

3. What is the function of an operating system?

- A. Manage computer hardware resources
- B. Display advertisements on the screen
- C. Perform complex mathematical calculations
- D. Design graphics for web pages

4. Which of the following is an input device?

- A. Printer
- B. Scanner
- C. Speaker
- D. Projector

5. An example of system software is:

- A. Microsoft Word
- B. Adobe Photoshop
- C. Windows 10
- D. Google Chrome

6. Which component of a computer is responsible for processing data?

- A. Keyboard
- B. Monitor
- C. CPU
- D. Printer

7. Which storage device typically provides the fastest access to data?

- A. Hard Disk Drive (HDD)

B. Solid State Drive (SSD)

C. Optical Disc

D. USB Flash Drive

8. What does the acronym GUI stand for in computing?

A. Graphical User Interface

B. General Utility Interface

C. Global User Integration

D. Grand Unified Interface

9. Which type of software helps users perform specific tasks like word processing or spreadsheet calculations?

A. Operating System

B. System Software

C. Application Software

D. Utility Software

10. Which of the following is NOT an example of an operating system?

A. Windows

B. macOS

C. Linux

D. Microsoft Office

11. What is the purpose of a motherboard in a computer?

A. Store data permanently

B. Connect various components

- C. Display graphics on the screen
- D. Provide electrical power

12. What is the function of a network card in a computer?

- A. Manage file storage
- B. Connect to the internet
- C. Create documents
- D. Print documents

13. Which programming language is used for building websites?

- A. Python
- B. Java
- C. HTML/CSS
- D. C++

14. What is the role of a device driver in a computer system?

- A. Display images on the screen
- B. Manage external storage devices
- C. Control hardware components
- D. Run application software

15. Which component is responsible for storing instructions that the CPU can access quickly?

- A. RAM
- B. Hard Drive
- C. ROM

D. SSD

16. What does the term "BIOS" stand for in computing?

A. Basic Input Output System

B. Binary Input Output System

C. Basic Integrated Operating System

D. Binary Integrated Operating System

17. Which of the following is a type of optical disc storage?

A. USB Flash Drive

B. DVD

C. SSD

D. External Hard Drive

18. What is the purpose of a firewall in computer security?

A. Prevent unauthorized access

B. Clean viruses from files

C. Improve internet speed

D. Display error messages

19. Which component converts digital signals from the computer into sound waves?

A. Printer

B. Scanner

C. Speaker

D. Microphone

20. What is the primary function of an email client software?

- A. Edit photos
- B. Send and receive emails
- C. Create spreadsheets
- D. Design websites

**Section B: Total Marks: 30**

**Attempt all questions by filling in the blank spaces.**

1. (a) Differentiate between computer hardware and computer software. (02 marks)

.....

.....

.....

(b) Other than storage devices, mention any other three categories of computer hardware. (03 marks)

(i). .....

(ii). .....

(iii). .....

2. (a) Explain the following terms as used in computer management. (i). Computer servicing. (02 marks)

.....

.....

(ii). Computer maintenance. (02 marks)

.....

.....

(b) Identify one Lab tool that may be used when servicing a computer. (01 mark)

.....

3. Write the following acronyms in full. (05 marks)

(i). CMOS: .....

(ii). BIOS: .....

(iii). POST: .....

(iv). DVD: .....

(v). TV: .....

4. Identify the function of each of the following keys of the computer keyboard. (05 marks) (a) Enter key.

.....  
.....

(b) Back space key. ....

.....

(c) Delete key. ....

.....

(d) Space bar. ....

.....

(e) Home key. ....

.....

5. (a) Identify any three ICT tools used in the field of sports (03 marks)

(i). ....

(ii). ....

(iii). ....

(b) Explain how the ICT tools given in (a) above are used. (02 marks)

(i). ....

.....

(ii). ....

.....

6. (a) What is a file as used in computer management?

.....  
.....

(b) Mention any three activities that can be done on a computer file.

(i). .....

(ii). .....

(iii). .....

7. Briefly explain how each of the following system devices contributes to the general operations of a computer system.

(a) Power Supply unit. ....

.....

(b) RAM chips. ....

.....

(c) System case. ....

.....

(d) Light emitting diodes (LED) lights. ....

.....

(e) Uninterruptible Power Supply (UPS). ....

.....

8. Outline any five features that may help your school secretary to make certain blocks of words stand out in a word processing application.

(i).....  
.....

(ii).....  
.....

(iii).....  
.....

(iv).....  
.....



(v).....  
.....

9. For questions (a) to (e), use the given words to fill in the spaces below. ***Operating system, system software, firmware, device drivers, windows, low level language, high level language.***

(a) ..... is a software that controls the way the computer operates.

(b) A permanent set of instructions stored in the computer ROM is referred to as.....

(c) .....manages a particular device connected on a computer.

(d) ..... is the same as a machine language.

(e) Controls computer resources like drive bays, RAM, etc. ....

10. (a) What is a computer storage?

.....

.....

(b) Mention any three examples of storage devices.

(i).....

(ii).....

(iii).....