# REPUBLIC OF RWANDA

MINISTRY OF EDUCATION

NATIONAL EXAMINATION AND SCHOOL ASSESSMENT (NESA)

## Senior 5 Computer Science – Paper 1: ANSWER KEY

Computer Systems  
Time: 1 Hour

This document provides model answers for the shortened Computer Systems exam.

## SECTION A: MULTIPLE CHOICE QUESTIONS (2 MARKS)

1. b) CPU

2. c) Temporary storage

## SECTION B: SHORT ANSWER QUESTIONS (8 MARKS)

3. The operating system manages computer hardware and software resources, provides a user interface, and facilitates the execution of application programs.

4. Input devices are used to send data to the computer (e.g., keyboard), while output devices display or output data from the computer (e.g., monitor).

## SECTION C: STRUCTURED/ESSAY QUESTIONS (10 MARKS)

5. Booting Process:  
- Power is switched on.  
- BIOS performs POST (Power-On Self Test).  
- Bootloader loads the operating system into RAM.  
- The operating system initializes and displays the user interface.

OR

6. Preventive maintenance helps ensure computer reliability and performance. It prevents data loss and reduces repair costs.  
Examples:  
- Regular cleaning of hardware.  
- Running antivirus scans.  
- Backing up important files.