# REPUBLIC OF RWANDA

MINISTRY OF EDUCATION

NATIONAL EXAMINATION AND SCHOOL ASSESSMENT (NESA)

## Senior 5 Computer Science – Paper 1

Computer Systems  
Time: 1 Hour

INSTRUCTIONS TO CANDIDATES:  
- Answer all questions in Section A and B.  
- Choose only one question from Section C.  
- Write your answers in the spaces provided.  
- Calculators are not allowed.

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

Choose the correct answer. Each question carries 1 mark.

1. Which component of the computer is responsible for executing instructions?  
 a) RAM b) CPU c) Hard Disk d) Monitor

2. What is the function of RAM in a computer system?  
 a) Permanent storage b) Processing c) Temporary storage d) Display output

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

Answer the following questions. Each question carries 4 marks.

3. Explain the function of the operating system in a computer.

4. Differentiate between input and output devices with one example each.

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

Answer ONE question only. Each question carries 10 marks.

5. Describe the main stages in the booting process of a computer.

6. Explain the importance of preventive maintenance in computer systems and give three examples.