

COMPUTER SCIENCE GRADE 10
END TERM 1 EXAMINATION 2026

Time: 2 Hours

INSTRUCTIONS TO CANDIDATES

Answer ALL questions.

- 1.a) Define the term Computer. (2 marks)

- b) State any two characteristics of a computer. (2 marks)

- c) Differentiate between hardware and software. (4 marks)

- d) Outline two functions of an operating system. (4 marks)

- e) State four examples of input devices. (4 marks)

- f) State two examples of output devices. (2 marks)

- g) What is a storage device? (2 marks)

2 a) Convert the following binary number to decimal: 101101_2 (4 marks)

b) Convert the following decimal number to binary: 25_{10} (4 marks)

c) State two units of measuring computer memory. (2 marks)

d) Arrange the following in ascending order: KB, GB, MB, TB (4 marks)

e) Differentiate between RAM and ROM. (4 marks)

f) State two characteristics of primary memory. (2 marks)

3a) State two uses of word processors. (4 marks)

b) Outline two features of spreadsheet software. (4 marks)

c) Define the term presentation software. (2 marks)

d) State two uses of database systems. (4 marks)

e) Outline two advantages of using computers in education. (4 marks)

f) State two examples of application software. (2 marks)

4a) Define a computer network. (2 marks)

b) State two types of computer networks. (4 marks)

c) Outline two advantages of networking computers. (4 marks)

d) What is the Internet? (2 marks)

e) State two uses of the Internet. (4 marks)

f) Define the term email. (2 marks)

g) State two examples of web browsers. (2 marks)

5a) Define computer ethics. (2 marks)

b) State two examples of unethical computer practices. (4 marks)

c) Outline two measures used to protect computers from viruses. (4 marks)

d) Define a computer virus. (2 marks)

e) State two types of cyber threats. (4 marks)

f) Outline two safe practices when using the Internet. (4 marks)