KENYA CERTIFICATE OF BASIC EDUCATION (K.C.B.E)

GRADE 10 – COMPUTER SCIENCE (THEORY)

April 2026

Time: 2 Hours

Code: CKEAB 004



LEARNER'S DETAILS

Name: _____School: _____

Assessment Number: _____School Code: _____ Date: _____Signature: _____

INSTRUCTIONS TO LEARNERS

i. Answer all questions in the spaces provided.

ii. All answers must be structured, with explanations and examples where necessary.

iii. Use diagrams, tables, and calculations where applicable.

iv. Show all workings for conversions or calculations.

v. Total marks: 80.

SECTION A: (80 MARKS)

1. A school project requires learners to investigate early computing machines and modern computers.

a) Identify FOUR early computing devices and give ONE use for each. (8 marks)

Early computing device	Use
i.	
ii.	
iii.	

b) Explain ONE reason why early mechanical computing devices led to the development of electronic computers. (1 mark)

_____.

_____.

c) Define a computer. (1 mark)

_____

_____

2. a) State the main technology used in each computer generation: (5 marks)

i) First generation: _____

ii) Second generation: _____

iii) Third generation: _____

