KENYA EDUCATORS CONSULTANCY EXAMS

GRADE 7 TERM 2 OPENER EXAM

GRADE 7   1ST ASSESSMENT TERM 2 2023

COMPUTER SCIENCE

NAME: _____CODE; _____DATE: _____

INSTRUCTIONS TO CANDIDATES:

.Do not open the booklet until you are told to do so.

.Read each question carefully.

.Answer ALL the questions.

.Write your answers, in either blue or black ink, in the spaces provided in the booklet

GRADE 7 ASSESSMENT RUBRIC.

Strand/Sub strand	Questions	Total marks	Score	Performance Level
TOTAL				

PERFORMANCE LEVEL GUIDELINES

Strand 1

10 - 12 scores = level 4

7 – 9 scores = level 3

4-6 scores = level 2

0-3 score   = level 1

Strand 2

6-7 scores = level 4

4-5 scores = level 3

2-3 scores = level 2

0-1 score = level 1

Strand 3

12-17 scores = level 4

8-11 scores = level 3

5-7 scores = level 2

0-4 score = level 1

FOR EXAMINERS ONLY

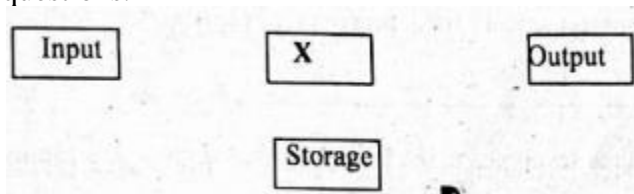| Questions 1-10 Out of 100 marks	Candidate Score	Candidate performance level
	----------------------	----------------------

KENYA EDUCATORS CONSULTANCY

1. Explain the following terms used in computer science. (3mks)
   a. Data

   b. Information

   c. Data processing

2. The diagram shown below is the data processing cycle. Use it to answer the following questions.

   a. Complete the diagram by showing the flow data and information using arrows. (5mks)
   b. What happens at the stage labeled X? (2mks)

3. Which of the following is **not** a characteristic of computers? (2mks)
   a. Diligence
   b. Versatility
   c. Thinking
   d. Speed

4. Erick at Tusome Junior Secondary was asked by his teacher to name four advantages of using computers and he listed them as shown below. Which one is not? (1mk)

   a. Computers perform tasks at a high speed.
   b. Computers have the ability to do more than one task at a time.
   c. Computers are realiable.
   d. Computers can cause health issues.

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

5. Write down **three** disadvantages of using computers. (3marks)

6. Match the following areas to their computer applications. (4mks)

Application area	Use of computer
Education	Supporting online banking and mobile banking.
Home	In supermarkets to record goods bought, their prices and maintain record.
Banking	Used for entertainment.
Business	For keeping and maintaining records of students and staff.

7. What is the name of the first mechanical calculating device? (2mks)

8. Give an example of a computer developed in the following evolution stages. (3mks)

   a. Mechanical era……………………………………….
   b. Electromechanical era……………………………….
   c. Digital era………………………………………………

9. Name the main electronic component that was used by computers in the following generations. (4mks).

   a. First generation…………………………………………
   b. Second generation………………………………………
   c. Third generation………………………………………..
   d. Fourth generation……………………………………….

10. Among the **five** generations of computers, which one continues to evolve? (1mk)

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185