

Name..... Adm.No...../.....

Candidate's Signature.....

Class.....

Date.....

451/
COMPUTER STUDIES
FORM 2 END TERM 1 EXAM.
2012
TIME: 2 Hours

Kenya Certificate of Secondary Education (K.C.S.E)

COMPUTER STUDIES
FORM 2 END TERM 1 EXAM.
2012

INSTRUCTIONS TO CANDIDATES

- Write your name and Admission number in the spaces provided above.
- Sign and write the date of the examination in the spaces provided above.
- Answer all the questions.
- All answers should be written in the spaces provided on the question paper.

For Official Use only

Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Student's Score																					

Total Score

This paper consists of 7 printed pages

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Computer studies form 2 end term 1 2012



QUESTIONS.

1. a) Clearly define a computer. (2 mks)

b) Give two reasons why a computer is referred to as an electronic device. (2 mks)

2. Explain the following terms as used in computer science. (8mks)

i) Data.

ii) Program.

iii) Processing.

iv) Information.

3. State three main features of a computer. (3mks)

4. a) Explain the term system unit. (2mks)



b) List four devices under the cover of the system unit.

(4mks)

5. Briefly state and explain the classification of computers according to historical development.

(10mks)

6. a) State three factors used to classify computers.

(3mks)

b) Explain the emerging trend in microcomputer technology in relation to size.

(1mks)



7. Define the following terms as used in computing.

(2mks)

i) System.

ii) Computer System.

8. List and explain the main functional elements of a computer system.

(6MKS)

9. State **TWO** advantages of using a mouse instead of a keyboard.

(2mks)

10. State **FOUR** areas where speech input would be used.

(4mks)



11. Name **TWO** examples of scanning (Data capture) devices used at point of sale terminals in supermarkets. (2mks)

12. List **FIVE** factors one would consider when selecting data input device. (5mks)

13. State **THREE** functions performed by the CPU. (2MKS)

14. In reference to ALU, explain the meaning of logic operations and give an example of this processing operation. (2mks)

15 a) Give **FOUR** types of registers found in the CPU. (4MKS)



b) State any **FOUR** components found on the computer Motherboard.

(2mks)

16. a) What is a computer drive.

(1mks)

b) State any **TWO** types of computer drivers.

(2mks)

17.a) State **SIX** factors which you would consider when selecting hardware in an organization.

(6mks)

b) List down **any four** hardware components you can add or upgrade in a computer.

(4MKS)



18. a) Define an Operating system (OS).

(2MKS)

b) List **three** resources/components that an OS manages.

(3mks)

19. Give **TWO** reasons why a new disk must be formatted before using it.

(2mks)

20. Outline **FOUR** ways of preventing piracy with regard to data and information.

(4mks)

