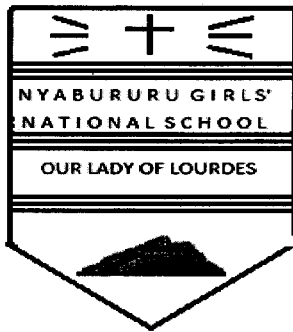


NAME.....CLS.....CNOADM.....



DATE DONE
INVIGILATOR
DATE RETURNED
DATE REVISED

COMPUTER STUDIES
MAKE UP CAT
TIME: 2 HOURS
FORM 1 2016
TERM 2

INSTRUCTIONS TO CANDIDATES

- Write your NAME and ADM NUMBER in the spaces provides above
- Answer all Questions in the spaces provided
-

1. Mention five reasons why a calculator is a computer 5mrks

2. With an aid of a diagram, differentiate between analog and digital data 4mrks

3. List three difference between microcomputer and supercomputers

3mrks

4. State three ways in which computers are used in the banks

3mrks

5. List four categories of computer hardware

2mrks

6. Explain three examples of registers

6mrks

7. What is a computer bus

1mrk

a. Explain the three types of computer buses

6mrks

8. Calculate the capacity in MB of a two sided floppy disk with 6 sectors per surface, and 512 bytes per sector.

4mrks

9. Define the term pixel

1mrk

a. How many bytes are required to store the following statement?
COMPUTERS ARE FUN TO USE!

1mrk

10. Point of sale terminal (POS) is used in supermarkets to enter items information; state the contents of point of sale terminal

4mrks

11. The keys of the keyboard can be categorized into five groups namely

5mrks

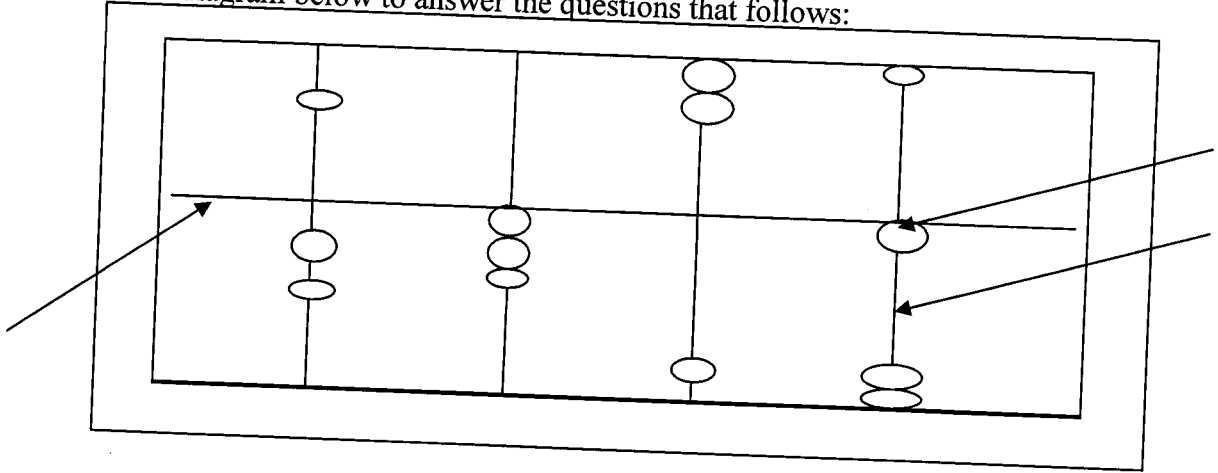
a. State and explain four areas where speech input is used

8mrks

b. Differentiate between primary and secondary storage memory

3mrks

12.a. Use the diagram below to answer the questions that follows:



i). what is the name of this equipment?

1mrk

ii). Name the parts labeled A, B, and C.

3mrks

iii). Give the value represented by the diagram

2mrks

b. who was referred to use "the father of modern computers" and why?

2mrks

c. state two ways in which computer is used in floriculture

2mrks

d. Why is it not advisable to run in and out of a computer lab

1mrk

e. Which keys do DEL and INS represent on the keyboard

2mrks

f. Differentiate between backspace and delete keys

2mrks

g. What is a mouse

1mrk

h. Describe the following mouse action:

4mrks

i. Double click

ii. Drag and drop

iii. Right click

iii.

Pointer

13. State three characteristics of ROM

3mrks

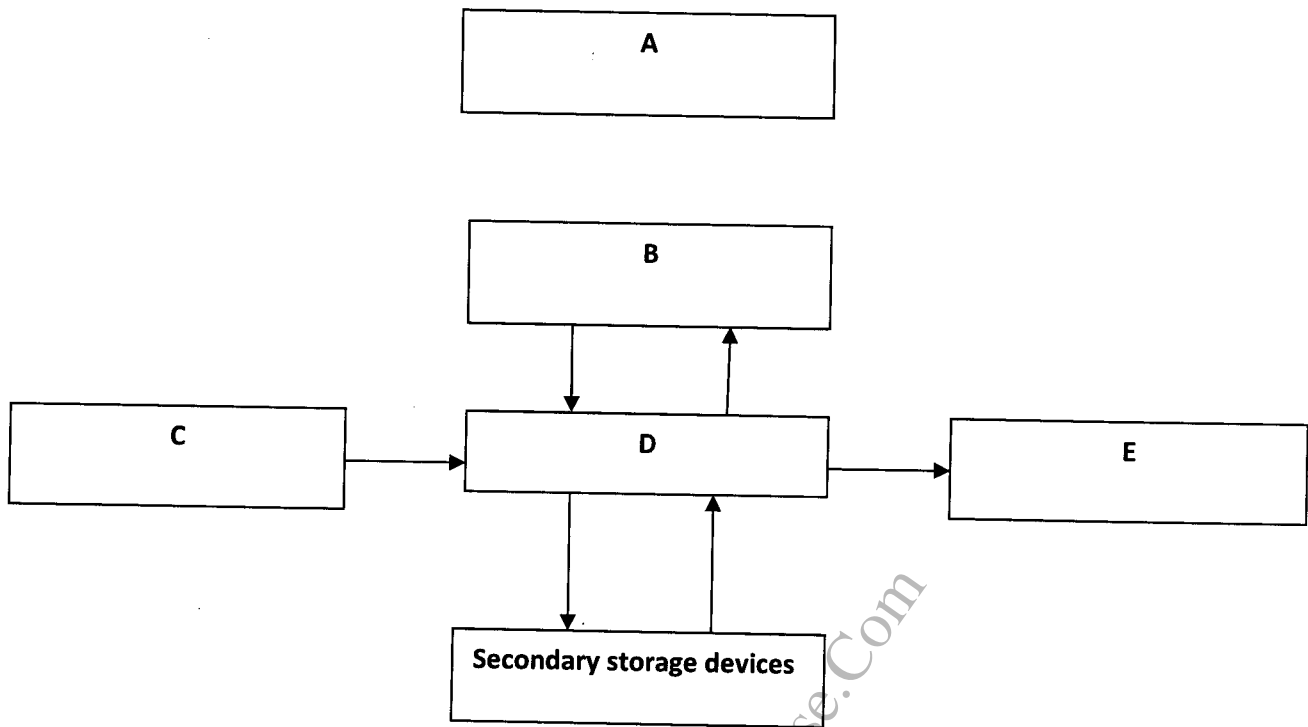
a. Differentiate between static and dynamic memories

2mrks

b. During the normal operation, the microprocessor goes through the fetch-decode-execute cycle. Explain what happens in each phase

6mrks

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c. Study the flow chart above and name the parts marked A to E explaining what is taking place in each step 4mrks

d. Write the following abbreviations in full 5mrks

- i. EEPROM
- ii. MICR
- iii. OMR
- iv. CISC
- v. ASCII

14. Define the following terms as used in computing:

5mrks

a.Data

b.system

c. computer system

d.software

e.stylus

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