

NAME: Teacher's Copy ADM NO.:

CANDIDATE'S SIGNATURE: DATE:

COMPUTER STUDIES (451)
 FORM ____ END-TERM 1 C.A.T
 Theory – 30 MARKS
 MARCH - 2018
 Time: 45 MINUTES

CANDIDATE'S SCORE

FOCUS A365

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ST CLARE GIRLS HIGH SCHOOL - GATUNDU

Kenya certificate of secondary education (K.C.S.E)

Answer All Questions Provided In This Question Paper

1. A Special purpose computer performs only one task while a
General purpose computer performs more than one task. (2marks)

2. State two Characteristics of first generation Computers. (2marks)

- i. Used Vacuum tubes and thermionic valves
- ii. Were very large.
Generated alot of heat / Consumed more power.

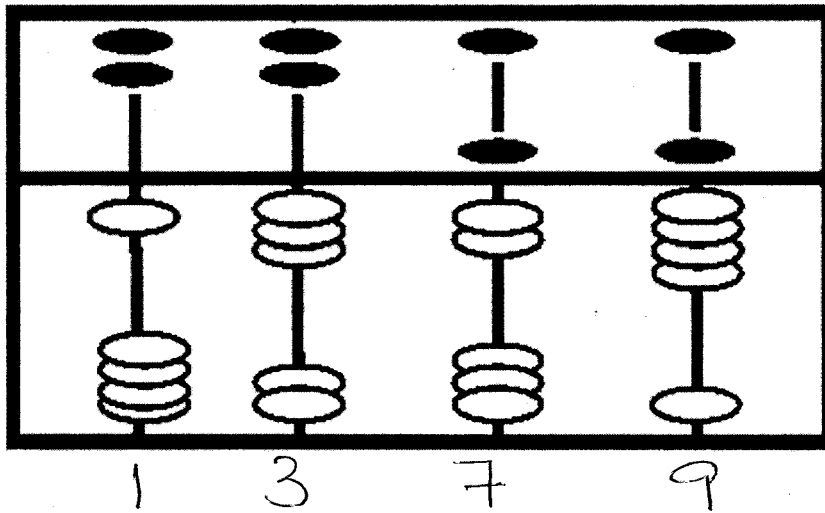
3. CPU does all the processing activities in the
 computer. When used in microcomputers it is called Microprocessor (2marks)

4. a. The acronym UPS stands for?
Uninterruptible Power Supply (1mark)

b. State any **two** uses of the UPS. (2marks)

- i. Regulates power entering to the computer
 - ii. Alerts the user when power goes off
- has a battery that stores power

5. Carefully study the diagram below and answer questions that follow:



- a. The figure above is called? Abacus (1mark)
- b. Calculate the value represented in the above figure. (4marks)

1379.

6. Define the following words as used with computers.

- a. Booting (1mark)
 This is the process that a computer goes on self test in readiness for use
- b. Cold booting (1mark)
 Starting a computer that was originally off
- c. Warm booting (1mark)
 Restarting a computer

7. Classify the following keyboard keys; (5marks)

- a. CTRL, SHIFT, ALT, ESC Special Pc operators
- b. ;, A, I, /, O, %, @, &, K Alphabetic
- c. PG UP, END, ARROW KEYS, HOME Cursor Movement & editing
- d. 1, 3, 6, 9, =, /, +, - Numeric keypad
- e. F1, F2 ... F12 Function keys

8. Explain the following word: (3marks)

- a. Software
 A set of instructions written to perform a specific task with the computer.
- b. Liveware
 Computer user
- c. Hardware
 Physical components of a computer.

9. Underline three devices which are not input devices (3marks)

<u>Monitor</u>	Mouse	Joystick
Keyboard	<u>Speakers</u>	<u>CPU</u>
Trackball	Digital Camera	Scanner

10. Write the following acronyms in full: (2marks)

- a. BIOS Basic Input Output System
- b. POST Power on Self test

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