

NAME: _____ INDEX NO: _____

END OF TERM I EXAMINATIONS

S.1 COMPUTER STUDIES

TIME: 50 MINUTES

INSTRUCTIONS: Answer all questions

SECTION A

1. Which of the following was the first solution to computation problems during the ancient civilizations
A. Abacus B. Napier Bones C. Clay tablet D. Calculator
2. The First generation computers were only able to execute the following tasks
A. Multiple tasks B. Arithmetic functions
C. addition and subtraction D. Scientific measurements
3. Electronic computing became possible due to the suggestions of using
A. Base ten B. Transistors C. Base Two D. digits
4. A computer performs all the following functions except?
A. Storage B. Processing C. Output D. Thinking
5. Which of the following is a primary input device to a computer?
A. Scanner B. Mouse C. keyboard D. Digital camera
6. Calculate the number of bits in 16 bytes
A. 8 B. 2 C. 64 D. 128
7. The ability of computers to handle more than one task is called.
A. Mobility B. Versatility C. Analog D. Automation\
8. John Napier invented calculating rods called.
A. Calculators B. Napier's bones C. Arithmetic machine D. Napier's rods
9. Data in a computer is stored in the format.
A. Character B. text C. digital D. multimedia
10. Calculate the number of bits in 16 bytes
A. 8 B. 2 C. 64 D. 128

SECTION B (40 MARKS)

11. a) Identify the most convenient base that made electronic computing possible (02 marks)
b) Convert the decimal number 121 to its binary equivalent (02 marks)
c) What is a computer? (02 marks)
d) Explain any four major characteristics of computers (04 marks)
12. How are computer of use to:
a) Students (05 marks)
b) Government (05 marks)
13. a) List any six hardware devices used on a computer (06 marks)
b) Mention four classifications of computers (04 marks)