

**LAIKIPIA EAST TECHNICAL AND VOATIONAL COLLEGE**

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**ICT/CU/IT/CR/6/6: PERFORM COMPUTER REPAIR AND MAINTENANCE**

CAT 1

**INSTRUCTIONS:** Answer all questions.

List four computer maintenance tools and materials (2 marks)

State the four basic types of computer maintenance (4 marks)

Define the following terms; (4 Marks)

(i)RAM (ii) ROM (iii)CMOS (iv)BIOS

Differentiate between a cool fan and a heat sink as cooling systems of the computer. (2 marks)

State the meaning of each; (4marks)

(i)Blackout (ii) Brownout (iii) Spike (iv)Power surge

Explain two factors that make the CPU faster other than clock speed. (2marks)

State 3 functions of buses in computers (3marks)

Define what a data cable is giving 3 examples. (4 marks)

Discuss the process to install the CPU and heat sink/fan assembly (5 marks)



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