

**LAIKIPIA EAST TECHNICAL AND VOCATIONAL COLLEGE**

**P.O BOX 14-10129, MUGUNDA-KENYA**

**TEL: +254 (0)713380692**

**Website: www.laikipiaeasttvc.ac.ke Email:** [**laikipiaetvc@gmail.com**](mailto:laikipiaetvc@gmail.com)

**PERFORM COMPUTER REPAIR AND MAINTENANCE**

CAT 1

**INSTRUCTIONS:** Answer all questions.

1. List three basic components of a computer processor. (3 marks)
2. Outline FOUR characteristics of secondary memory of a computer. (4 Marks)
3. Computer technicians experience several challenges when carrying out routine maintenance. Outline FOUR challenges they could experience. (4 marks)
4. The power supply unit (PSU) in a computer performs several critical functions that are essential for the proper functioning and performance of the system. List FOUR of such functions. (4 marks)
5. Highlight four Functions of BIOS during POST (Power on Self-Test) (4 marks)
6. Explain SIX safety Precautions in assembly. (6 Marks)
7. Outline **five** possible electrical problem symptoms in a computer system. (5 marks)