**Name: ………………………………………………………………………………….Candidate’s Stream …....**

**451/1**

**Admission Number: ……………**

**Target : ………….**

**COMPUTER STUDIES**

**Form Two**

**(THEORY)**

**2017**

**TIME 2 HOURS.**

**KISUMU GIRLS’ HIGH SCHOOL**

**CAT I EXAMINATION, T2, 2017**

**Kenya Certificate of Secondary Education (K.C.S.E.)**

**Computer Studies**

**Form 2**

**INSTRUCTION TO CANDIDATES**

* **Write your name and Admission number, Stream and Class in the spaces provided above**
* **All answers should be written in the spaces provided on the question paper.**

**FOR OFFICIAL USE ONLY**

|  |  |
| --- | --- |
| **QUESTION’S ACTUAL SCORE**  **CANDIDATES MAX SCORE** | **QUESTION’S ACTUAL SCORE**  **CANDIDATES SCORE** |
| **40** |  |
| **TOTAL SCORE** |

**INSTRUCTION:**

This paper consistsof **FOUR (4) printed pages. Answer All** Questions in This Question paper on the spaces provided.

1. Give **THREE** characteristics of a computer 3mks

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Differentiate between onboard devices and peripheral devices 2mks

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1. Match each of the following technologies with the computer generation it was developed. 4mks

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| --- | --- |
| **Computer Generation** | **Technology** |
| 3rd Generation | Transistors |
| 1st Generation | Integrated Circuits |
| 5th Generation | Parallel Architecture |
| 2nd Generation | Vacuum Tubes |

1. Mention **THREE** toggle keys on a computer keyboard 3mks

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1. (a) What is a Computer Laboratory? 2mks

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(b) State **TWO** factors to be considered when building a Computer Laboratory 2mks

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(c) Give **TWO** reasons why powdered and liquid based fire extinguishers are not encouraged to be used in the Computer Laboratory 2mks

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1. Mention **TWO** ways in which a software can be acquired 2mks

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1. Give **THREE** advantages of a monitor as an output device 2mks

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1. Give **TWO** differences between Primary and Secondary Storage 2mks

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1. Mention **TWO** situations where a hardcopy is preferred to a softcopy 2mks

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1. Name and Explain **THREE** types of a computer buses 3mks

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1. Give **TWO** advantages of Graphical User Interface Operating System 2mks

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1. List **TWO** formatting Text features in a document 2mks

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1. Mention **TWO** factors to consider when choosing a word processor 2mks

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1. Give **THREE** reasons for print previewing a document 3mks

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1. Give **TWO** advantages of electronic spreadsheet over manual spreadsheet 2mks

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**End**