**MURANG’A HIGH SCHOOL**

**COMPUTER STUDIES FORM 4 C.A.T 1 2016 - TIME 1 HOUR**

**NAME:………………………………………… ADM.NO…………..CL.NO…….. CLASS…………**

***Answer all the questions in the spaces provided***

1. State any **two** peripheral devices that are powered by the system unit. (1 mk)

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1. The following are symbols of some keys found on the keyboard. Name the keys represented by the symbols. ( 2 mks)

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1. Explain any **three**functions of system software in a computer (3mks)

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1. As a computer student you have been asked to assist in buying an input device. State any **four** factors to consider when buying input devices. (4mks)

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1. i. The arithmetic logic unit, the control unit and the main memory use electrical pathways or links called buses. State and explain the three types of buses. (3mks)

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ii. What is the role of special purpose memories in the microprocessor? (1 mk)

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1. Outline the **three** differences between primary memory and secondary memory. (3mks)

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1. Citing relevant examples state **two** advantages of integrated software as opposed to single purpose. (2mks)

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1. a. Define the term mail merging (1mk)

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b. Name **two** files that are created in mail merging process (1mks)

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9. (a) Distinguish between a workbook and a worksheet as used in spreadsheets (2mks)

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(b) What is the meaning of “what if analysis” with respect to spreadsheet? (1mk)

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10. Define the following terms in relation to internet (2mks)   
i). Downloading

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ii). Hyperlink

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11. Benjos was instructed by his teacher while typing a Microsoft word document to replace

all the occurrences of the word MS with Microsoft. Highlight the steps to do this (3mks)

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12. What is the difference between logical and physical file? (2mks)

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13. Explain any **three** types of computer processing files. (6mks)

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14. Give a reason why HTML is not considered as a true programming language. (1mk)

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15. (a) Define the following computer crimes

(i) Piracy (1mk)

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(ii) Industrial espionage (1mk)

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16. a) State **two** advantages and two disadvantages of the ring network topology

Advantage (2mks)

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Disadvantages (2mks)

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b) State **two** roles and responsibilities of each of the following ICT professionals

i) Webmaster (2mks)

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ii) Network Administrator (2mks)

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iii) Computer scientists (2mks)

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iv) System Administrator (2mks)

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v) Software Engineer (2mks)

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c) Explain the term accreditation as used in education (1mk)

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