Name:………………………………………………………………………………..Class:……AdmNo:…….

FORM 1 COMPUTER STUDIES - DECEMBER

END TERM 2 EXAMINATION

TIME: 2HOURS

1. a) What is CPU? (2mrks)

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b) Give and explain three major components of the CPU. (6mks)

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1. (a) Registers hold one piece of data at a time and are found inside the CPU. List any FOUR examples of registers (4mrks)

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(b) What is a buffer? (2mrks)

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1. List and differentiate between the TWO categories of processors depending on the number of instruction set.  (4mks)

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1. Explain four terminologies used with reference to the use of the mouse. (4mks)

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1. Explain the following term as used in reference to fetch-execute cycle. (6mks)

* Fetch

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* Decode

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* Execute

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1. a) What is a computer bus? (2mks)

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b) Describe three types of computer buses. (6mks)

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1. State five reasons for the increased use of microcomputers in government offices. (5mks)

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1. State three facilities that will ensure proper ventilation in a computer laboratory. (3mks)

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1. What is meant by UPS? (2mks)

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1. State three functions of the UPS. (3mks)

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1. Name and explain the two main divisions of computer storage, giving an example of each. (6mks)

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1. List five advantages of a computerized system over a manual system. (5mks)

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1. a) Differentiate between an input device and an output device. (2mks)

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b) State the difference between hardcopy output and softcopy output as used in computing. (4mks)

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c) i) List five input devices of a computer. (5mks)

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14. State five characteristics of first generation of computer. (5mks)

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1. List five devices located under the cover o the system unit. (5mks)

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1. Give the full meaning of the following abbreviations: (4mks)

DRAM \_

PROM \_

EAROM\_

EEPROM \_

1. State five differences between a CRT monitor and a flat panel screen. (5mks)

|  |  |
| --- | --- |
| *CRT monitor* | *Flat panel screen* |
|  |  |
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1. State three ways of classifying computers. (3mks)

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1. State any four components found or attached on the computer motherboard. (2mks)

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1. State five factors to consider before choosing a storage device for backup. (5mks

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