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**Computer Studies**

**Form 2 End Term 1 Examination**

**Time: 2Hours**

**Instruction: Answer All Questions in the spaces provided.**

1. Describe the following three components of the computer system.

 a) Hardware [2mks]

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 b) Software [2mks]

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 c) Liveware [2mks]

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2. Define the following terms as used in computer system:

 a) System [2mks]

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 b) Computer system [2mks]

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 c) Firmware [2mks]

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3. Differentiate between input stage and output stage. [4mks]

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4. a) What is a peripheral device. [2mks]

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b) The following are common examples of peripheral devices. Give the function(s) for each component.

 i) Keyboard [2mks]

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 ii) Mouse [2mks]

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 iii) Monitor [2mks]

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 iv) Printer [2mks]

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5. Describe the five generations of computers in terms of hardware technology used. [5mks]

|  |  |
| --- | --- |
| Generation  | Hardware technology used  |
| First generation  |  |
| Second generation  |  |
| Third generation  |  |
| Fourth Generation  |  |
| Fifth Generation  |  |

6. Dust and smoke damage the surface of the hard disk and other moving parts of a computer system. State four ways dust can be avoided in a computer laboratory. [4mks]

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7. Give five factors one needs to consider before acquiring a computer system. [5mks]

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8. a) Define the term operating system. [2mks]

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 b) List five resources that are managed and controlled by the operating system. [5mks]

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c) System software performs the fundamental operations that avails the computer resources to user applications. Give four types or ways of categorizing system software. [4mks]

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9. a) What is a scanning device. [2mks]

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 b) Give two ways of classifying scanning devices. [2mks]

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10. Explain the function(s) of the following keys on the keyboard.

 i) F1 key [2mks]

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 ii) Shift key [2mks]

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 iii) Return Key [2mks]

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 iv) Home key [2mks]

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 v) Insert key [2mks]

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11. Explain three types of special purpose memories housed in the CPU, system board, input and output devices to enhance system performance. [6mks]

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12. State five factors to consider when purchasing a printer. [5mks]

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13. a) Define a file. [2mks]

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b) Briefly describe three types of files. [6mks]

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14. Differentiate between disk formatting and disk partitioning. [4mks]

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15. a) Define Electronic word processing. [2mks]

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b) The following is a word screen. Label it with the correct name. [10mks]

 