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**Computer Studies**

**FORM 2 JANUARY 2023 TERM 1 OPENER EXAM**

**Time: 2 Hours**

**Instructions: Answer All The Questions On the Space Provided**

1. a) State three factors to consider when choosing a monitor. [3]

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 b) What do the following acronyms mean in full: [6]

 VDU

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 LCD

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 VGA

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 c) State Four differences between a CRT and a flat panel Screen. [4]

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| *Cathode Ray Tube*  | *Flat panel screen*  |
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d) Give four advantages of using a screen as an output device. [4]

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2. a) Give four examples of hardcopy output devices. [4]

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b) Give four reasons why one may go for a hardcopy output. [4]

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c) State four differences between an impact and a non-impact printer. [4]

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| --- | --- |
| *Impact printers*  | *Non-impact printers*  |
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3. a) Name five peripheral devices of a computer connected to the system unit. [5]

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b) Name three items that would be needed in order to listen to music from a computer. [3]

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4. Give four reasons why laptops computers are quite popular than desktop computers among researchers.

[4]

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5. Give six factors you need to consider before choosing a storage device. [6]

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6. A Student in Form 1 describes the computers found in their school as useless. When the teacher asked him the reasons, he said that they did not have USB ports.

 a) What does USB mean in full? [2]

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b) Name Six devices that may be connected through the USB port. [6]

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c) Give Two reasons why USB ports becoming quite popular with modern devices. [2]

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7. Name and explain three main components of a computer system. [6]

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8. State Six hardware considerations when purchasing a computer system. [6]

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9. List down four factors that dictate the cost of a computer system. [4]

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10. a) State four components of a computer that can be upgraded. [4]

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 b) State three items that may be found on a warranty given to a computer buyer. [3]

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11. a) What is an operating system? [2]

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 b) Give three examples of operating systems. [3]

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 c) State five functions of an operating system. [5]

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d) Give four devices that work under the control of the operating system. [4]

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12. a) What is the CPU? [1]

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 b) Name three main components of the CPU. [3]

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 c) Give two examples of computer buses. [2]

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