**NAME:…………………………………………………CLASS:……..ADMNO:………**

**FORM 1 COMPUTER STUDIES**

**END TERM 2 EXAMINATION – 2023**

**TIME: 2 HOURS**

***Answer all questions in the spaced provided.***

1. a) What is a peripheral device? [1mk]

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 b) Name four examples of peripheral devices. [2mks]

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c) Differentiate between data interface cable and power cable. [4mks]

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 d) List three types of interface cables. [3mks]

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2. Name four characteristics of a computer. [4mks]

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3. State four characteristics of the fifth generation of computers. [4mks]

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4. Give the functions of the following mouse techniques. [8mks]

 Double click

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 Click

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Right click

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 Drag and drop

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5. Name three categories of keyboard keys. [3mks]

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6. State three facilities that will ensure proper ventilation in a computer laboratory. [3mks]

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7. Explain the following power related problems experienced in the computer lab. [6mks]

 Brownout

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 Blackout

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 Power surge

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8. Name three ways of classifying computers, giving an example for each category. [6mks]

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9. Explain the following components of a computer system.

 Hardware [2mks]

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 Software [2mks]

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 Liveware [2mks]

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10. a) Give two functions of an input device. [2mks]

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 b) List six examples of input devices. [3mks]

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 c) State three factors to consider when choosing an input device. [3mks]

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11. a) Differentiate between softcopy output and hard copy output. [4mks]

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 b) Give two examples of softcopy output devices and two hardcopy output devices.

 [4mks]

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c) State three differences between an impact and a non-impact printer. [6mks]

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12. a) Describe three functional elements of the Central Processing Unit. [6mks]

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 b) Define a computer bus. [2mks]

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 c) Name and explain three types of computer buses. [6mks]

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13. a) Write in in full the following acronyms. [2mks]

 RAM

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 ROM

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 b) State three differences between RAM and ROM. [3mks]

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14. Give three difference between CRT monitor and flat panel displays. [3mks]

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15. State three factors to consider when selecting a storage device. [3mks]

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