| NAMI | ECLASSADM | ••••• |
|------|---|---|
| FORM | 4 1 COMPUTER STUDIES, TERM 1 2023 | |
| | RUCTIONS: ANSWER ALL THE QUESTIONS TIME: 2HOUR | <u>RS</u> |
| 1. | Define the following terms | |
| | Computer | (2mks) |
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| | Data | (2mks) |
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| | Information | (2mks) |
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| | Processing | (2mks) |
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| | Program | (2mks) |
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| 2. | State the different physical parts that make up a computer. | (4mks) |
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| | | |
| 3. | Why is a mobile phone regarded to be a computer? | (5mks) |
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| 4. | State and explain 4 charac | teristics of a computer. | (4mks) |
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| 5. | State three ways computer | | (3mks) |
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| 6. | Why the screen is also call | lad manitar? | (3mks) |
| υ. | • | | · · · · · |
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| 7 | | rations of computers with the technology used | |
| , . | them.(4mks) | actions of comparers with the technology used | to develop |
| | a. First generation | Very large scale integrated circuits | |
| | . ~ . | Thermionic valve (vacuum tubes) | |
| | c. Third generation | Transistors | |
| | d. Fourth generation | Integrated circuits | |
| 8. | Identify five areas where o | _ | (5mks) |
| | • | ······ | · · · · · · · · · · · · · · · · · · · |
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| Q | What were the characterist | tics of the first generation computers? | (6mks) |

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| 10. | . Who developed the analytical engine? | |
| | (2mks) | |
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| 11. | . Define the term artificial intelligence. | |
| | (4mks) | |
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| 12. | . With the aid of a diagram differentiate between tower and desktop types of system | 1 |
| | unit.(6mks) | |
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| 13. | . Write the following acronyms in full: | (6mks) |
| | a. ENIAC | (=/ |
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| each case: | | | |
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| (8mks) | | | |
| A. Supermarket | Matching fingerprints | | |
| B. Hospital | Entertainment | | |
| C. Bank | Stock control | | |
| D. Hotel | Booking Rooms | | |
| E. Home | Analyzing academic data | | |
| F. School | manufacturing process control | | |
| G. Industry | Life support machines | | |
| H. Police station | Processing cheques | | |
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b. VLSI

c. IC