**NAME………………………………………………….CLASS…………..ADM…………**

**TERM 2 2022 OPENER EXAM FORM 1**

**INSTRUCTIONS: ANSWER ALL THE QUESTIONSTIME: 2HOURS**

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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1. State the different physical parts that make up a computer. (4mks)

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1. Why is a mobile phone regarded to be a computer? (5mks)

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1. State and explain 4 characteristics of a computer. (4mks)

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1. State three ways computers are classified. (3mks)

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1. Why the screen is also called monitor? (3mks)

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1. Match the following generations of computers with the technology used to develop them.(4mks)
2. First generation Very large scale integrated circuits
3. Second generation Thermionic valve (vacuum tubes)
4. Third generation Transistors
5. Fourth generation Integrated circuits
6. Identify five areas where computers are used. (5mks)

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1. What were the characteristics of the first generation computers? (6mks)

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1. Who developed the analytical engine? (2mks)

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1. Define the term artificial intelligence. (4mks)

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1. With the aid of a diagram differentiate between tower and desktop types of system unit.(6mks)
2. Write the following acronyms in full: (6mks)
3. ENIAC
4. VLSI
5. IC
6. Match the following computer application areas with the role played by computers in each case:

(8mks)

1. Supermarket Matching fingerprints
2. Hospital Entertainment
3. Bank Stock control
4. Hotel Booking Rooms
5. Home Analyzing academic data
6. School manufacturing process control
7. Industry Life support machines
8. Police station Processing cheques

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