**NAME………………………………………………………..ADM.NO…………..CLASS……**

FORM ONE GEOGRAPHY

END OF TERM 2 2021 EXAM

***DURATION: 1 HR 45 MINUTES***

***INSTRUCTIONS: Answer all the questions in the spaces provided.***

1. (a) Define the term environment. (2 marks)

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(b) Name the two types of environment. (2 marks)

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(c) Give four areas studied under physical Geography. (4 marks)

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2. (a) Define the term solar system. (2 marks)

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 (b) State three characteristics of planet mercury. (3 marks)

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3. The diagram below represents the earth on its axis.


(a) (i) Name the latitudes marked J and K. (2 marks)

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 (ii) According to the diagram, which season is being experienced at:

-Northern hemisphere (1 mark)

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-Southern hemisphere (1 mark)

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(b) State four effects of the movement of the earth on its own axis (4 marks)

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 (c) State four characteristics of the earth’s core. (4 marks)

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4. (a) Define the term weather. (2 marks)

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(b) List **four** factors that affect the humidity of a place. (4 marks)

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5. The diagram below represents some types of clouds



(a) Identify the clouds marked K and L. (2 marks)

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(b) Give three weather conditions associated with the cloud marked L. (3 marks)

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6. With the aid of a labelled diagram, describe how relief rainfall is formed. (7 marks)

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7. Suppose you were to carry out a field study on a weather station in your County:

(a) State four ways in which you would prepare for the study. (4 marks)

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(b) Give three methods that you would use to record data. (3 marks)

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(c) State four follow up activities that you would carry out after the study. (4 marks)

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8. (a) Differentiate between a map and a plan. (2 marks)

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(b) With reference to map work, list three types of scale. (3 marks)

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9. The table below represents rainfall and temperature for City K in 2012. Use it to answer question (a) and (b).

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| **Months**  | **J**  | **F**  | **M**  | **A**  | **M**  | **J**  | **J**  | **A**  | **S**  | **O**  | **N**  | **D**  |
| **Temp OC** | 27 | 25 | 30 | 25 | 20 | 18 | 17 | 24 | 27 | 28 | 27 | 28 |
| **Rainfall (mm)** | 100 | 250 | 350 | 425 | 400 | 200 | 50 | 50 | 100 | 325 | 400 | 300 |

(a) (i) Calculate the mean annual temperature for City K. (2 marks)

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 (ii) Calculate the annual rainfall total for City K. (2 marks)

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 (iii) What is the annual range of temperature for City K? (1 mark)

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(b) Using a vertical scale of 1cm to represent 50mm, draw a simple bar graph to represent rainfall data for City K in 2012. Use the graph paper provided. (6 marks)