**GEOGRAPHY FORM ONE**

**END OF TERM TWO 2015**

**TIME: 2Hours**

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

**INSTRUCTIONS : Answer all the questions**

1. a) Trace the origin of the word Geography. (2 marks)

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b) Briefly describe the following sub-branches of Physical and Human Geography. (8 marks)

i)Climatology………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

ii)Geomorphology………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

iii) Social-cultural Geography

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iv)Population Geography

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c) State five reasons why it is important to learn Geography in secondary schools. (5 marks) …………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

2. a) Differentiate between the following terms(6 marks)

i) Meteors and Meteorites

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ii) Aphelion and Perihelion

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iii) Equinox and Solstice

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b) Give two reasons why Pluto is no longer termed as a planet. (2 marks)

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c) Describe the origin of the earth according to the following theories. (4 marks)

i) Passing Star Theory

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ii) Nebula Cloud Theory

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d)State any three proofs that the earth is spherical and not flat. (6 marks) …………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..……………………………….

e) Describe how the rotation of the earth causes day and night. (2 marks)

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f) Mention any three effects of earth’s revolution. (3 marks)

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g) If the local local time in Cairo 30 degrees East is 15:00 hours, what will be the time in New York 74 degrees West. (2 marks)

3. a) How does weather differ from climate? (2 marks)

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b) Name the instruments used to measure the following elements of weather. (3 marks)

i) Atmospheric pressure…………………………………………………………………….

ii) Relative humidity………………………………………………………………………..

ii) Wind speed………………………………………………………………………………….

c) Describe any **two** factors that influence the weather of a place. (6 marks)

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d) With the aid of a well labeled diagram describe how relief rainfall is formed. (4 marks)

e) Using well labeled diagram explain how land and sea breezes are formed. (6 marks)

f) Outline the three major types of winds. (3 marks)

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g) State the conditions necessary for the siting of a weather station. (4 marks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

h) What is the significance of weather forecasting. (3 marks)

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i) Describe how temperature is measured. (3 marks)

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4. a) Define statistics. (2 marks)

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b) State any four significance of statistics in Geography. (4 marks)

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c) i) Give any three advantages of observation as a method of data collection. (3 marks) …………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..………………………………………………….……………….

ii) Outline any three disadvantages of questionnaires as a method of data collection. (3 marks)

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d) Mention any four methods of recording data. (4 marks)

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e) Use the following data to answer the questions that follow.

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|  | J | F | M | A | M | J | J | A | S | O | N | D |
| Temp oC | 28 | 30 | 30 | 30 | 27 | 25 | 25 | 25 | 26 | 27 | 28 | 28 |
| Rainfall mm | 35 | 35 | 62 | 170 | 256 | 123 | 63 | 68 | 76 | 103 | 98 | 51 |

1. Calculate the mean annual temperature for this data. (3 marks)
2. Calculate the total mean annual rainfall for this data. (3 marks)
3. On the graph paper provided draw a combined line and bar graph to represent the data above. (6marks)