**NAME…………………………..……DATE ………………ADM NO. ……….…**

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**GEOGRAPHY**

**END OF TERM 2 2017**

**FORM 1 GEOGRAPHY**

**MWAKICAN JOINT EXAMINATION TEST (MJET)**

**INSTRUCTIONS TO CANDIDATES**

1. Write your name and admission number in the spaces provided above.
2. This paper has **TWO** sections: A and B.
3. Answer **ALL** the questions in section A and section B .
4. **a**) Define the term Geography. 1mk

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b) Give three reasons why it is important to study Geography. (3mks)

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c) State any two branches of Geography. 2mks

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d) What is the relationship between Geography and Mathematics. 2mks

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1. a) What is the solar system. 1mk

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b) State two theories that explain the origin of the solar system. 2mks

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c) The diagram below shows the structure of the Earth .Use it to answer the questions that follow:-

 

1. Identify the parts marked. 2mks

 X-

 Y

1. Name the layer of discontinuity marked z. 1mk

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 d) State two reasons why the interior of the Earth is still hot. 2mks

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 e) State any two proofs that are put forward to prove that the earth is spherical. 2mks

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 f) State any two effects of the following:-

 i. Rotation of the Earth. 2mks

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1. Revolution of the Earth . 2mks

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1. If the local time in Nairobi at longitude 37˚ E is 10.00 am. What will the time be at Buchanan in Liberia at longitude 10˚w. 2mks

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1. a) Define weather. 2mks

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b) State three ways in which the atmospheres is heated. 3mks

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c) State any other 2 forms of precipitation apart from rainfall. 2mks

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d)(i) Using a well labeled diagram ,explain how relief rainfall is formed. 6mks

(ii) What is the other name given to the above type of rainfall.(1mk)

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1. a) What is a weather station? 2mks

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b) State two factors to consider when citing a weather station.(2mks)

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c) Explain why a Stevenson’s, screen is:-

 i. Painted white (1mk)

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ii.Louvred (1mk)

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1. Is placed 121cm above the ground (1mk)

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d) Which instrument is used to measure the following elements of weather.

 Highest Temperature…………………………………………………

Humidity …………………………………………………………

Air pressure ………………………………………………… 3mks

e) Name two weather recording instruments kept in a Stevenson’s screen .(2mks)

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1. (a) Name two types of data.(2mks)

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b)Use the table below to answer the questions that follow.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Month | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec |
| Temp˚ c | 29 | 29 | 30 | 28 | 27 | 26 | 26 | 26 | 26 | 26 | 28 | 29 |
| Rainfall (mm) | 25 | 38 | 99 | 140 | 277 | 439 | 277 | 69 | 100 | 273 | 380 | 200 |

i)***On the graph provided draw a simple line graph to represent the temperature figures. 5mks***

ii)What is the advantages of using a simple line graph .(2mks)

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c)(i) Calculate the annual range of temperature for the station.(2mks)

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ii) Calculate the total rainfall (2mks)

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iii)What is the mode of temperature for the above station. 1mk

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d) What name is given to the above method of data presentation? 1mk

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**Use the map below to answer question number 6**



1. (a) What is a map. 2mks

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b)(i) Identify the type of map above. 1mk

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(ii) List any two other types of maps. 2mks

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(iii) Using the above map extract, state any three marginal information that can be seen. 3mks

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c) State any three uses of maps. 3mks

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d) (i) Identify any two scales that are used in the drawing of maps. 2mks

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 (ii) Identity two uses of scales on map. 2mks

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1. a)Name three layers of the atmosphere. (3mks)

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b) i) Define weather forecasting. (2mks)

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 ii)State three importances of weather forecasting (3mks)

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 iii)Name two types of local winds. (2mks)

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iv)List three factors that influence temperature. (3mks)

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 c)List two types of fogs. (2mks)

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 d) i)State three methods of collecting statistical data (3mks)

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 ii)State any two methods of Data analysis. (2mks)

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