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| ***Date done*** |  |
| ***Invigilator*** |  |
| ***Date returned*** |  |
| ***Date revised*** |  |

 

**FORM 1 GEOGRAPHY**

**CAT 1 TERM 3, 2017**

**TIME: 2 HOURS**

**Instructions**

* Write your name, stream and class number in the spaces above.
* Answer all the questions in the spaces provided below each question.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PAGE | 2 | 3 | 4 | 5 | 6 | 7 | 8 | TOTAL |
| MARKS |  |  |  |  |  |  |  |  |

**Answer all questions in the spaces provided**

1. (a)Name any **two** areas studied under practical geography. (2mks)

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………...

(b)The diagram below represents the interrelationship between geography and other disciplines.

|  |
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|  GEOGRAPHY |

Name the disciplines marked A, B, C and D.

A…………………………………………. (1mk)

B…………………………………………. (1mk)

C………………………………………….. (1mk)

D………………………………………….. (1mk)

(c) i. What is environment? (2mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 ii. Identify the type of environment where each of the following aspects fall under:

* Climate …………………………………………………………………………… (1mk)
* Drainage…………………………………………………………………………. (1mk)
* Settlement……………………………………………………………………… (1mk)
* Industry………………………………………………………………………….. (1mk)

2. (a) Define the Solar system. (2mks) ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

(b)Name two planets without satellites. (2mks) …………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(c) Describe the Nebula cloud theory. (4mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 (d) State three reasons why the interior of the earth is still very hot yet it was formed millions of years ago. (3mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(e) Differentiate between a meteor and a meteorite. (2mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(f) State any three effects of rotation of the earth. (3mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(g)The diagram below shows the structure of the earth. Use it to answer questions that follow.



1. Name the parts labelled;

P……………………………………………………………… (1mk)

Q………………………………………………………………. (1mk)

R………………………………………………………………. (1mk)

1. Name the four layers that make up Z (4mks)

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

h) State two ways in which the knowledge of the interior of the earth is studied. (2mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(i) State the latitudes over which the sun is overhead at midday on ;

* 21st June…………………………………………………………........ (1mk)
* 22nd December……………………………………………………… (1mk)
* 21st March…………………………………………………………….. (1mk)

3. (a) Define weather. (2mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(b)Give any four factors influencing weather. (4mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(c) Name three main processes through which the atmosphere is heated. (3mks) ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

(d) State three characteristics of the I.T.C.Z. (3mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(e) i) Give reasons why the Stevenson screen is;

* Painted white. (1mk)

…………………………………………………………………………………………………………………………………………

* Has a system of wooden louvres. (1mk) …………………………………………………………………………………………………………………………………………
* Is raised to a height of about 121cm above the ground. (1mk)

……………………………………………………………………………………………………………………………………………

(ii) Name two instruments kept in the Stevenson screen. (2mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

4. (a)State three conditions necessary for the formation of dew. (3mks) …………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………......

(b) Use the diagram below to questions that follow.



i) Name the type of rainfall represented above. (1mk)

……………………………………………………………………………………………………………………………………………………

ii) Describe how the type of rainfall named in (I) above is formed. (4mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

iii) State any two characteristics of the rainfall type named. (2mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(c) Name the rain bearing clouds. (2mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(d) i) state three characteristics of an air mass. (3mks) ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………................................................................................................................................................

ii) Name three types of air masses. (3mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(e) The diagram below represents a local wind. Use it to answer questions that follow.

 

1. Name the type of wind represented. (1mk)

………………………………………………………………………………………………………………………………………………

ii) Name the zones marked;

Zone **X**……………………………………………………………………………………………… (1mk)

Zone **Y**……………………………………………………………………………………………. (1mk)

iii) Apart from the wind mentioned above, name any three other types of local winds. (3mks) ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

5. (a) What is weather forecasting? (2mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(b) State three significances of weather forecasting to human activities. (3mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(c) Give three reasons why data observed in a school weather station may be inaccurate. (3mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

6. (a) Define the following terms;

i) Statistics (2mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

ii) Statistical methods. (2mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

(b) State any three significances of statistics in the study of geography. (3mks)

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

(c) Name two methods of;

 i) Collecting data. (2mks) ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

 ii) Recording data. (2mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………