**ANESTAR SCHOOLS END OF TERM 3 EXAM 2022**

**FORM TWO**

**GEOGRAPHY**

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

1. a) Define the term planet (2mks)

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b) State three characteristics of planet Mercury (3mks)

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c) Explain two reasons why the interior of the earth is very hot. (4mks)

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1. a) Differentiate between relative humidity and absolute humidity. (2mks)

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b) Suppose air contains 5gm/m3 of water vapour at 220c. If the same air can hold a maximum of 10gm/m3 at the same temperature, calculate the relative humidity. (2mks)

c) With the aid of a well labeled diagram, describe how orographic rain is formed. (7mks)

1. a) Describe how igneous rocks are formed. (4mks)

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b) Give three examples of mechanically formed sedimentary rocks. (3mks)

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1. The diagram below represents shaft mining.
2. Identify the parts labeled X,Y and Z (3mks)

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1. Describe how gold is processed in South Africa. (4mks)

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1. a) Differentiate between faulting and folding. (2mks)

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b)The diagram below shows parts of a fault

1. Name the part marked A, B and C (3mks)

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1. State four causes of vulcanicity (4mks)

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1. Explain three effects of earthquakes on the crust. (6mks)

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1. The table below shows rainfall and temperature figures of a station in Africa

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Month | J | F | M | A | M | JN | JL | A | S | O | N | D |
| Temperature in 0c | 24 | 24 | 23 | 22 | 19 | 17 | 16 | 18 | 19 | 20 | 22 | 23 |
| Rainfall in mm | 109 | 122 | 130 | 76 | 52 | 34 | 28 | 38 | 70 | 108 | 121 | 120 |

1. Calculate the mean annual temperature for the station. (2mks)
2. Calculate the annual rainfall total for the station. (2mks)
3. Describe the climatic characteristics for the station. (6mks)

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1. The world map below shows some climatic and vegetation zones.
2. Identify the climatic regions marked A and B (2mks)

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1. Name the temperature grasslands marked K, L and M (3mks)

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1. Describe the characteristics of the vegetation zone marked X (6mks)

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