**NAME:…………………………………………….. ADM. NO:……….. STREAM:…………...**

**RANGWE GIRLS’ SECONDARY SCHOOL**

**FORM TWO**

**GEOGRAPHY**

**END TERM ONE EXAMINATION, 2018**

**Time: 2 hours 30 mins**

**Instruction to examinees:**

* This paper consists of section A (25 marks) and B (75 marks)
* Answer all questions from these sections.
* All diagrams must be drawn in pencils.

**For Examiner’s Use Only**

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| --- | --- | --- | --- |
| SECTION | QSN | Max. score | Candidate’s score |
| **A** | 1-5 | 25 marks |  |
| **B** | 6 | 25 marks |  |
| 7 | 25 marks |  |
| 8 | 25 marks |  |
| **GRAND TOTAL** |  |

Section A (25 marks)

1. a) Differentiate between physical geography and human geography (2mks)

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 b) Outline three significance of studying geography (3mks)

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1. a) What is a planet? (2mks)

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 b) State three weaknesses of the passing star theory. (3mks)

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1. The diagram below shows a type of local wind.
2. i. Identify the type of wind (1mk)

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 ii. At what time does this type of wind occur? (1mk)

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1. Explain how the above type of wind is formed. (3mks)

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1. a) What is relative humidity (2mks)

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 b) A certain mass of air can hold a maximum of 19.78g/cm3 water vapour at 25o C. If the same volume of air has 12.65g/cm3 actual water vapour at the same temperature, calculate the relative humidity of the air. (3mks)

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1. a) Name the two layers of the lithosphere (2mks)

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 b) Highlight three causes of earth movements (3mks)

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Section B (75 marks)

1. a) i. Differentiate between a map and a picture (2mks)

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 ii. Highlight five characteristics of a good sketch map (5mks)

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 b) i. Define a scale. (2mks)

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 ii. Convert the following statement scale to linear scale: (3mks)

 1cm represents 0.5km

1. i. What is marginal information (2mks)

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 ii. Name four marginal information found on a topographical map (4mks)

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1. i. A part from calculating areas on maps, give any other use of scales (1mk)

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 ii. Using a scale of 1cm represents 1km, estimate the area of the sketch map below.

 (4mks)

 iii. Form two students of Rangwe Girls’ Secondary School would like to carry out field study within Koyolo area. Give two reasons why they would need a route map. (2mks)

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1. a) The table below shows some rocks and their metamorphic equivalent. Complete the table (3mks)

|  |  |
| --- | --- |
| Rock  | Metamorphic equivalent |
| Granite  |  |
|  | Quartzite  |
| Limestone  |  |

 b) Explain the three types of metamorphism (6mks)

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 c) i. State three classification of sedimentary rocks (3mks)

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 ii. Explain any four importances of rocks to the economy of Kenya. (8mks)

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 d) Form two students of Rangwe Girls’ Secondary School would like to carry out field study on rocks within the local environment.

 i. State their topic of study. (1mk)

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 ii. Outline two reasons why they would need a working schedule (2mks)

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 iii. Name two tools they are likely to use during the study (2mks)

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1. a) i. what is folding? (2mks)

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 ii. The diagram shows a fold. Name the parts labeled A, B and C. (3mks)

A…………………………………………………………………………………………………….

B…………………………………………………………………………………………………….

C…………………………………………………………………………………………………….

b) i. A part from simple symmetrical fold, name four any other types of fold (4mks)

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 ii. Using a well labeled diagram, illustrate how a simple symmetrical fold is formed.

 (4mks)

 c) i. Name two features formed as a result of folding (2mks)

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 ii. Distinguish between orogeny and orogenesis (2mks)

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 iii. State the orogeny to which the following fold mountains belong:

The Alps…………………………………………………………………………………………….

Cape Ranges………………………………………………………………………………………...

Akwapim Hills……………………………………………………………………………………...

The Deccan Plateau…………………………………………………………………………………

 d) Give five significance of folding to the physical environment (5mks)

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