

**GATITU SECONDARY SCHOOL**

**Form 2 term 2 2016 geography examination end term**

TIME 2 HRS

Name.....

Adm.....

Attempt all questions in this paper

1a. Apart from nebular cloud theory list down two other theories that explain the origin of the solar system.(2mks).....  
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.Explain how the solar system was formed by nebula cloud theory(5mks)

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c. Give three weaknesses of the nebula cloud theory. (3mks)

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2a. Define meteors and meteorites.(3mks)

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7a. What is faulting (2mks)

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b. With aid of a well labeled diagram describe how the following may be formed.

i. fault steps (3mks)

ii tilt blocks (3mks)

c. Explain any 4 effects of faulting on physical environment. (4mks).

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d. With a well labeled diagram, explain how a rift was formed (5mks)

8. What is vulcanicity (2mk)

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b. With aid of a well labeled diagram describe how the following features were formed.

b. Give any 5 proofs that the earth is spherical. (5mks)

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c. Give any 4 effects of rotation of the earth. (4mks)

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d) Give any 4 effects of revolution of the earth. (4mks)

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3a. If the local time in London ( $52^{\circ} \text{N}, 0^{\circ}$ ) is 12.00 noon, find the local time of Nairobi ( $1^{\circ} \text{S}, 37^{\circ} \text{E}$ ). (4mks)

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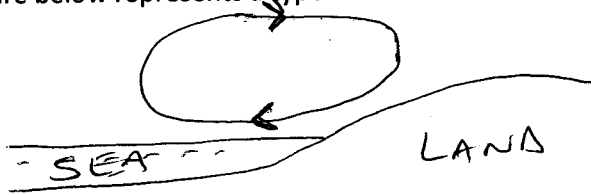
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B. The figure below represents a type of wind. Name the wind. (2mks).

Night



4a. what is a weather station? (1mk)

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b. write down 4 factors to consider when siting a weather station. (4mks)

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**SECTION B**

**Answer all questions in this section**

5a. Name two types of earth movements. (2mks).

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b. write down 4 causes of earth movements. (4mks)

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c. give and explain any 5 evidences of continental drift theory (5mks).

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d.name 3 types of tectonic boundaries (3mks)

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6a.define the term folding(2mks)

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b. With aid of a well labeled diagram describe how the following fold are formed

nappe/overthrust

monoclinal(3mks each)

c.State the 4 orogenies that are recognize in geological history.(4mks)

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7a. What is faulting (2mks)

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b. With aid of a well labeled diagram describe how the following may be formed.

i. fault steps (3mks)

ii tilt blocks. (3mks)

c. Explain any 4 effects of faulting on physical environment. (4mks).

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d. With a well labeled diagram, explain how a rift was formed (5mks)

8. What is vulcanicity (2mk)

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b. With aid of a well labeled diagram describe how the following features were formed.

i dyke. (2mks)

ii lopolith.(2mks)

iii. Phacolith.(2mks)

9a.what is a volcano?(2mks)

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b. With aid of a well labeled diagram explain how a composite volcano is formed(4mks)

c. State and explain two ways in which a caldera is formed.(6mks)

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end