

NAME:.....Adm NoDATE.....

SCHOOL:.....SIGNATURE.....

GEOGRAPHY

Form 2

Time: 2¾ hours

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March, 2017

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INSTRUCTIONS TO CANDIDATES.

- 1. This paper has **two** sections: **A** and **B**.*
- 2. Answer all the questions in section **A**.*
- 3. In section **B** answer question **6** and any other two questions in the answer booklet provided.*

1)a. Define the term earth movement (2 marks)

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b). State three effects of horizontal earth movement on the earth's crust. (3 marks)

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c). Explain how magma movement (i) Causes earth movement. (4 marks)

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d. Name two forces that causes earth movement. (2 marks)

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2a. The Pangaea broke into two separate landmasses. Namely:

i)

ii)

b. Explain the plate tectonics theory. (5 marks)

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3a. The uplifted part of a fold are known asand down folded parts are known as..... (2 marks)

b. Apart from the Fold Mountains name three other features formed due to folding. (3 marks)

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4. Using diagrams differentiate between:

a) Reverse fault (3 marks)

b) Tear fault (3mks)

5a) Identify the four main sections of the east African rift valley (4mks)

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b) Name two other rift valley found outside East Africa (7mks)

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6a) Explain how the rift valley was formed through anticlinal arching (7mks)

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b) Outline three negative effects of faulting (3 marks)

7. Use diagram to differentiate the following features (4 marks)

a) Lacolith

b) Lopoliths

8a) Draw a map of Kenya on it mark and name:

(5 marks)

- Lake Bogoria
- Aberdare ranges
- The rift valley
- Mount Elgon

b) Name any escarpment found in Kenya

(4 marks)

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9. Distinguish between magma and lava

(2 marks)

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10. Explain how acid lava dome is formed

(5 marks)

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11. a) Name two craters found in Kenya (2 marks)

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b) Give examples of crater lavas found in Kenya (4 marks)

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12. a) Define the following geographical terms

Moffette

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Solfatra

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Dormant volcano

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b). The following are examples of extinct volcanoes in East Africa. Indicate where they are found (3 marks)

Mountain	Country
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Muhavura

Mt Kenya

Ngorongoro

13. Name the parts of the caldera labeled (4 marks)

- a
- b
- c
- d

14. Outline the importance of vulcanicity to man (5 marks)

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15 a) What is the point of origin of earthquakes inside the earth (1 mark)

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b) Explain how the following causes earthquakes.
Vulcanicity (3 marks)

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Gravitative Pressure (3 marks)

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16.a) Mention three types of seismic wave (3 marks)

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b) State two effects of earthquakes on the coa

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