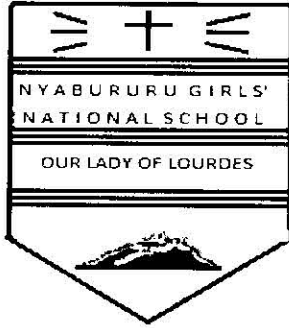


NAME.....CLS.....C.NO.....ADM.....



DATE DONE.....

INVIGILATOR.....

DATE RETURNED.....

DATE REVISED.....

GEOGRAPHY
FORM THREE CAT 3
TERM 1 2016
TIME: 2 HOURS

INSTRUCTIONS.

- Write your Name, Class and Class Number in the spaces provided above.
- Attempt ALL the questions in the spaces provided.

FOR EXAMINER'S USE ONLY

NO.	A	6	7	8	9	10	TOTAL
MARKS							

SECTION A

Answer all questions.

1. (a) What do you understand by the term earthquakes. (2 Mks)

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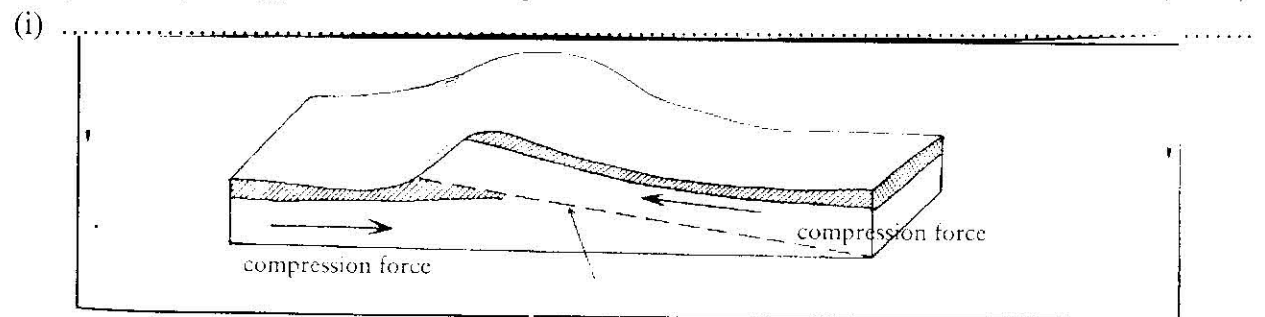
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(b) State any two causes of earthquakes. (2 Mks)

(i)

(ii)

2. (a) Identify the type of fault in the figure below. (1 Mk)



Give three other types of faults apart from the fault in the figure above. (3 Mks)

(i)

(ii)

(iii)

3. (a) What is desertification? (2 Mks)

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(b) State four impacts of aridity and desertification on the physical and human environment.

(i)

(ii)

(iii)

(iv)

(4 Mks)

(c) Suggest any two ways through which desertification can be controlled. (2 Mks)

(i)

(ii)

4. (a) What is weathering. (2 Mks)

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(b) State any three factors that influence the nature and rate of weathering. (3 Mks)

- (i)
- (ii)
- (iii)

5. State any four effects of excess carbon dioxide in the atmosphere. (4 Mks)

- (i)
- (ii)
- (iii)
- (iv)

SECTION B

Study the map of Busia (sheet 101/1 and answer questions after it.

6. (a) Convert the scale of the map given as 1:50,000 to statement scale. (2 Mks)

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(b) Name any five physical features found to the West of Easting 30 and South of northing 34.

- (i)
- (ii)
- (iii)
- (iv)
- (v)

(5 Mks)

(c) Give any five methods used to represent relief on a map. (5 Mks)

- (i)
- (ii)
- (iii)
- (iv)
- (v)

(iii) Outline any three factors that influence the degree of folding of rocks. (3 Mks)

(i)

(ii)

(iii)

(b) Using well-labelled diagrams describe the formation of the following landforms through compressional forces.

(i) A rift valley

(ii) A fold mountain

(c) Apart from fold mountains and rift valleys give features formed due to folding. (3 Mks)

(i)

(ii)

(iii)

(d) Explain four ways which faulting influences the drainage systems.

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8. (a) What is a mineral. (2 Mks)

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(b) (i) What is land dereliction? (2 Mks)

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(ii) State any three causes of land dereliction. (3 Mks)

(i)

(ii)

(iii)

(iii) Give three effects of land dereliction. (3 Mks)

(i)

(ii)

(iii)

(c) Identify where the following minerals are mined in Kenya. (3 Mks)

Diatomite –

Flourspar –

Trona –

(d) State any four problems created by mining in Kenya. (8 Mks)

- (i)
- (ii)
- (iii)
- (iv)

(e) Suggest any two ways of minimizing negative effects caused by mining in Kenya. (2 Mks)

- (i)
- (ii)

9. (a) (i) Name two examples of volcanic rocks. (3 Mks)

- (i)
- (ii)

(ii) Identify two areas where granite rocks are commonly found in Kenya. (2 Mks)

- (i)
- (ii)

(b) Describe briefly how the following types of rocks are formed.

(i) Metamorphic rocks.

-
-
-

(ii) Chemically formed Sedimentary rocks. (4 Mks)

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-
-
-
-
-

(c) Explain three ways through which rocks become metamorphosed. (6 Mks)

- (i)
- (ii)
- (iii)

(d) What was the magnetic declination of the area when this map was prepared? (2 Mks)

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(e) Name any three types of natural vegetation represented on the map. (3 Mks)

- (i)
- (ii)
- (iii)

(f) List any two features (weather natural or manmade) found in grid square 3732. (2 Mks)

- (i)
- (ii)

(g) (i) Draw a rectangle measuring 16 cm by 12 cm to represent the area between easting 21 to easting 29 and northing 44 to northing 50. (2 Mks)

(ii) On the sketch you have drawn, mark and name;

- A seasonal swamp
- All international boundary
- Papyrus swamp

7. (i) Differentiate between folding and faulting. (2 Mks)

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(ii) State three causes of folding. (3 Mks)

- (i)
- (ii)
- (iii)

(d) Some students carried out a field study on rocks in the Rift Valley;

(i) Identify four characteristics of rocks they are likely to have studied. (4 Mks)

(i)

(ii)

(iii)

(iv)

(ii) Give three reasons why they needed working schedule. (3 Mks)

(i)

(ii)

(iii)