

NAME..... ADM NO.....

SCHOOL..... CANDIDATES SIGN.....

DATE .....

**GEOGRAPHY**  
**FORM 2**  
**END OF TERM THREE**  
**TIME: 2 HRS 30MINS**

**END OF TERM (III) EXAMINATION -2019**  
*Kenya Certificate of Secondary Education (K.C.S.E)*

**GEOGRAPHY**  
**FORM 2**  
**END OF TERM THREE**  
**TIME: 2 HRS 30MINS**

**INSTRUCTIONS TO THE CANDIDATES**

- **This paper has two Sections: Section A and Section B**
- **Answer all the questions in Section A**
- **Answer any THREE questions in Section B**

**SECTION A**

1. (a) Name three heavenly bodies in the solar system (3mks)

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(b) Differentiate between orbit and axis (2mks)

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2. (a) Differentiate between solar radiation and terrestrial radiation (2mks)

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(b) State three characteristics of tropical continental climate (3mks)

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3. (a) The table below shows temperature and rainfall figures for station X in Kenya. Use it to answer the questions that follow (i.e a and b)

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp °c	24	24	24	23	22	17	17	19	19	20	22	23
Rainfall (mm)	109	121	130	75	53	35	29	38	70	108	121	120

(a) (i) Calculate the temperature range for station X (1mk)

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(ii) Calculate the average monthly temperature for station X (1mk)

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(b) Describe the rainfall pattern for station X

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4. (a) Differentiate between intrusive vulcanicity and extrusive vulcanicity (2mks)

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(b) State THREE causes of vulcanicity (2mks)

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5. (a) List two factors that influence the distribution of forests in Kenya (2mks)

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(b) Outline THREE uses of mangrove forests (3mks)

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**SECTION B**

6. (a) Define the following terms:

(i) Minerals (2mks)

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(ii) Rocks (2mks)

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(iii) Mining (2mks)

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(b) Name **three** categories of minerals (3mks)

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(c) Describe the following characteristics of minerals

(i) Colour (2mks)

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(ii) Hardness (2mks)

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(iii) Cleavage (2mks)

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(d) Name **two** classifications of rocks according to their origin and mode of formation(2mks)

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(d) Explain **four** economic benefits of rocks (8mks)

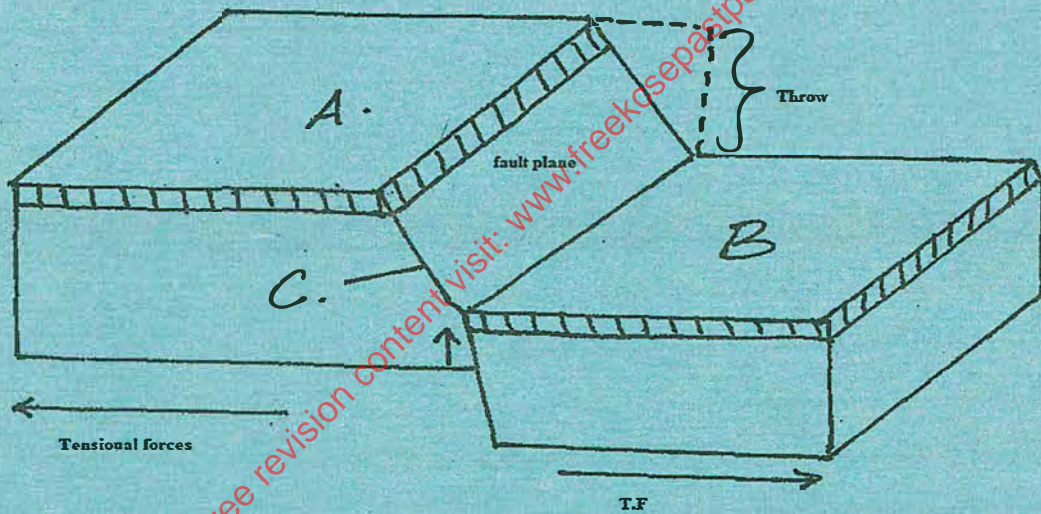
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7. (a) (i) Explain **four** forces/processes that cause faulting (8mks)

(i) Name **four** types of faults (4mks)

(b) The diagram below shows parts of a fault. Use it to answer the questions that follow



(i) Label the parts marked A, B and C

(3mks)

(ii) Apart from block mountains name three other features resulting from faulting. (3mks)

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(c) With the aid of well labelled diagram describe how block mountains are formed by tensional forces. (7mks)

8. (a) (i) Differentiate between natural and derived vegetation (2mks)

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(ii) Explain how the following factors influence vegetation distribution in Kenya. (8mks)

\* Variation in rainfall

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\* Temperature variation

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\* Drainage

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\* Human activities

(b) (i) Name **three** types of vegetation found in Kenya (3mks)

(ii) Give **three** reasons why hardwood trees are in danger of extinction (3mks)

(iii) Name **three** hardwood tree species in Kenyan forests (3mks)

(c) You are required to carry out a field study on a forest near your school  
(i) Prepare a work schedule that you will use during the field study (4mks)



(ii) Give two reasons why it is important to seek permission from the school Administration

(2mks)

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9. (a) (i) Distinguish between forestry and a forest

(2mks)

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(ii) List four factors that influence the distribution of forests in Kenya

(4mks)

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(b) (i) What is agro-forestry?

(2mks)

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(ii) State five benefits or reasons for encouraging agro-forestry in Kenya

(5mks)

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(c) Why should the Kenyan government encourage afforestation programmes

(5mks)

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(d) Name **three** forest reserves found in the Coastal region of Kenya (3mks)

(e) Identify **four** activities that may be undertaken in your school to conserve trees (4mks)

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