

FORM 3 END TERM 2 2020

GEOGRAPHY PAPER 2

SECTION A:

ANSWER ALL THE QUESTIONS IN THIS SECTION:

1. a. Define the term Geography? (2 mks)
b. Outline 4 importances of Geography in the learning process. (4 mks)
2. a. State 4 layers of the earth. (4 mks)
b. Name the boundary that separate:- (2 mks)
 - i. The crust and Mantle.
 - ii. The mantle and the core.
3. a. State 2 effects of earths rotation. (2 mks)
b. Outline 3 causes of earth movements. (3 mks)
4. a. Give three examples of rapid mass movements. (3 mks)
b. Name 3 fold mountains of Alphine Orogeny. (3 mks)
5. a. What is agro-forestry. (3 mks)

SECTION B:

INSTRUCTIONS:

QUESTION 6 IS COMPULSORY AND ANY OTHER TWO:

6. The table below shows temperature and rainfall date of station X.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp. °C	12	13	14	17	19	22	24	26	24	20	16	13
Rainfall in (mm)	112	84	74	41	46	15	10	5	41	79	130	137

- a. Use the data to calculate
 - i. The mean monthly temperature. (3 mks)
 - ii. The mean monthly Rainfall. (3 mks)
 - iii. The median rainfall. (2 mks)
 - iv. The temperature and rainfall range. (4 mks)
- b. Use the rainfall data to draw a simple line graph. (7 mks)
- c. State 3 advantages of using a simple line graph. (3 mks)

- d. Outline clearly 3 disadvantages of using this technique. (3 mks)
7. a. Define the term vegetation. (2 mks)
- b. i. State and explain 4 factors which influences the distribution of vegetation. (8 mks)
 ii. Explain clearly 4 uses of vegetation. (8 mks)
- c. i. Give 3 characteristics of Savanna Grasslands. (3 mks)
 ii. Fill in the blank spaces. (4 mks)
- | Temperature grassland | Where its found |
|-----------------------|-----------------|
| Prairies | - |
| Steppes | - |
| Pampas | - |
| Veldt | - |
8. a. i. Define the term forest. (2 mks)
 ii. Explain five uses of forests and forest products in Kenya. (10 mks)
- b. i. Outline any 4 problems facing forestry in Kenya. (4 mks)
 ii. Highlight five forest conservation measures commonly used in Kenya. (5 mks)
- c. Compare and contrast softwood forestry in Canada and Kenya. (4 mks)
9. a. i. Define the term mining. (2 mks)
 ii. State three ways in which minerals occur. (3 mks)
- b. i. State and explain 4 factors that influence the occurrence and exploitation of minerals. (8 mks)
 ii. Explain any two methods employed in underground mining. (4 mks)
- c. i. State 4 effects of mining in the environment. (4 mks)
 ii. Highlight 4 problems facing mining in Kenya. (4 mks)
10. a. Name the minerals found in the following places in East Africa. (3 mks)
- Ruhuhu valley
 - Kariandusi
 - Tororo
- b. Describe the stripping method of open cast mining. (3 mks)
- c. Study the data below and answer questions that follow:-
 Percentage of mineral production.
- | <u>COUNTRY A</u> | <u>COUNTRY B</u> |
|------------------|------------------|
| Lime stone - 10% | Iron ore - 50% |
| Coal - 20% | Bauxite - 10% |
| Iron ore - 50% | Tin - 10% |

Trona - 20%

Others - 30%

- i. Draw a dividend rectangle 10cm long to show the percentage of minerals mined in country A. (5 mks)
 - ii. State three advantages of using dividend rectangles to represent geographical data. (3 mks)
- d.
- i. Name two areas where diamond is mined in South Africa. (2 mks)
 - ii. Describe the stages involved in the processing of diamonds. (4 mks)
 - iii. State 5 economic contributions of diamonds to the economy of South Africa. (5 mks)