

**END OF TERM 1 EXAM 2014  
GEOGRAPHY PAPER 2  
FORM 3:**

**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)  
i. Ruhuhu valley  
ii. Kariandusi  
iii. 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.

**COUNTRY A**

Lime stone - 10%  
Coal - 20%  
Iron ore - 50%  
Trona - 20%

**COUNTRY B**

Iron ore - 50%  
Bauxite - 10%  
Tin - 10%  
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)