

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

DATE:.....

GEOGRAPHY

PAPER 2

FORM 3

TIME: 2 ¾ HOURS

INSTRUCTIONS TO CANDIDATES

- **THIS PAPER CONSISTS OF TWO SECTIONS: A AND B**
- **ANSWER ALL QUESTIONS IN SECTION A**
- **IN SECTION B, ANSWER QUESTION 6 AND ANY OTHER TWO**

SECTION A: 25 MARKS

- 1 a) Name two areas where gold is mined in South Africa (2mks)
- b) State three ways in which mining create employment in Kenya (3mks)
- 2 a) Distinguish between a forest and forestry (2mks)



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- b) List three hard wood tree species in Kenya (3mks)
- 3 a) Differentiate between statistics and statistical methods (2mks)
- b) List three sources of secondary data (3mks)
- 4 a) Name two oil producing countries in Middle East (2mks)
- b) Give three by-products obtained when crude oil is refined (3mks)
- 5 a) Explain why mining is regarded as a robber industry (2mks)
- b) Explain why petroleum, oil and natural gas are not regarded as minerals (2mk)
- c) Name one area in Kenya where gold is mined (1mk)

SECTION B: 75 MARKS

ANSWER QUESTION SIX AND ANY OTHER TWO

- 6 The table below represents the rainfall and temperature data of station Y for one year. Study it and answer the questions that follow:

Month	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Rainfall(mm)	5	10	33	40	60	100	75	40	30	15	5	5
Temp	23	24	25	27	27	29	28	27	26	25	24	24

- a) Calculate the following:
- I) Annual temperature range (2mks)
- II) Mean monthly temperature (2mks)
- III) Annual Rainfall (2mks)



- b) Draw a combined line and bar graph to represent the data (8mks)
- c) Describe the characteristics of the polygraph in b above (6mks)
- d) Apart from choosing and labeling the vertical scales for rainfall and temperature, state four other steps to be followed in constructing a polygraph (4mks)
- e) Give one disadvantage of this type of graph (1mk)
- 7 a) Define the term mineral (2mks)
- b) i) Name two areas in South Africa where diamond is mined (2mks)
- ii) Give four ways in which minerals occur (4mks)
- c) i) Explain Three negative effects of mining on the environment (6mks)
- ii) Identify any two methods of mining (2mks)
- iii) Name a port through which minerals in East Africa are exported (1mk)
- d) Explain four ways in which soda ash contributes to the economy of Kenya (8mks)
- 8 a) i) Name two provinces where forests are found in Canada (2mks)
- ii) Give three tree species that are found in Canada (3mks)
- b) Explain three ways in which the transportation of logs in Canada differ from Kenya (6mks)
- c) Explain four problems that face forestry in Canada (8mks)
- d) A form four class conducted a field study in a forested region in the area around their school
- i) Identify two main categories of hypothesis that the students would have formulated (2mks)
- ii) Identify four activities the students could have been involved in during the study (4mks)



- 9 a) i) Identify the two types of photographs (2mks)
- ii) State three advantages of using photographs as a technique of recording data (3mks)
- iii) With reference to ground photographs explain the meaning of
- | | |
|-------------|--------|
| Dead ground | (2mks) |
| Fore ground | (2mks) |
| Back ground | (2mks) |

B) Study the photograph below and use it to answer the questions that follow



(7mks)



- c) Name the kind of farming activity in the photograph (1mk)
- d) Name the type of trees shown in the photograph (1mk)
- e) Compare tree harvesting in Kenya and Canada (4mks)

10. (a) State 3 factors influencing distribution and types of natural forests in Kenya . (3mks)

(b) List 4 characteristics of coniferous forest. (4mks)

(c) Explain 4 importance of forests in Kenya . (8mks)

(d) Students of your school decided to carry out a field study in nearby forest.

(i) Give 3 importance of the previsit. (3mks)

(ii) State 3 reasons why they needed a route map. (3mks)

(iii) State 2 follow-up activities the students will have after the field study. (2mks)

(iv) Give 2 reasons why students required a working schedule. (2mks)

