

NAME DATE

INDEX NO. SIGNATURE
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312/2

GEOGRAPHY

PAPER 2

TIME: 2 $\frac{3}{4}$ HRS

THE 2021 KCSE CONTINUOUS ASSESSMENT EXAMINATION

Kenya Certificate of Secondary Education

FORM 4 , NOVEMBER 2020

INSTRUCTIONS TO CANDIDATES

1. Write your name and index number in the spaces provided above.
2. This paper has **TWO** sections: A and B.
3. Answer **ALL** the questions in section A. In section B answer **QUESTION 6** and any other **TWO** questions from the section.
4. ALL answers **MUST** be written on the answer booklet provided.
5. Do not remove any pages from this booklet
6. This paper consists of 3 printed pages. Candidates should check to ensure that all pages are printed as indicated and no questions are missing

SECTION A
Answer *all* questions in this section.

1. Students from Starehe plan to carry out a field study of the types of pollution taking place in Nairobi.
 - i) State one objective of their study. {1 mark}
 - ii) Give two types of pollution they may identify in the area of study. {2 marks}
 - iii) Identify two problems they are likely to encounter during the study. {2 marks}
2. (a) Name **two** mining methods used in extracting Gold in South Africa. (2 marks)
(b) Describe how dredging method of mining is used in Lake Magadi. (3 marks)
3. a) Define the term Agriculture (1 mark)
b) State **four** advantages of mixed farming (4 marks)
4. a) Explain **three** reasons why horticulture farming is more developed in the Netherlands than in Kenya. (3 marks)
b) Give **two** reasons why the growing of flowers in greenhouses is preferred in Kenya. (2 marks)
5. a) What is ecotourism? (2 marks)
b) How can the low tourist season be utilized in Kenya? (3 marks)

SECTION B

Answer **question 6** and **any other two** questions from this section.

6. Study the photograph provided and use it to answer the questions that follow.



- a) i) Identify the type of photograph, giving a reasons for your answer.
(2marks)
- ii) Identify the activity in the photograph.
(1mark)
- b) i) State four physical conditions necessary for the growing of maize.
(4marks)

ii) Explain three problems facing maize farming in Kenya.
(6marks)

c) i) Name two regions in Kenya where coffee is grown in large -scale.
(2marks)

ii) Outline the stages of coffee processing at the factory until it is ready for marketing.
(6marks)

d) State the importance of coffee farming to the economy of Kenya.
(4marks)

7. (a) i) Define agro-forestry.
(1mark)

ii) List two species of indigenous hardwood forest trees in Kenya.
(2marks)

(b) Give the differences in the exploitation of softwood forests in Kenya and Canada under the following sub-headings;

i) Distribution of forests; (2marks)

ii) Transportation
(2marks)

(c) Name four forest reserves found in Kenya.
(4marks)

(d) (i) What is forest conservation
(2marks)

(ii) State four significance of forestry in Kenya
(4marks)

(e) Explain four factors that favour the exploitation of softwood forests in Canada. (8marks)

8. (a) (i) State two benefits of irrigation over natural water supply?
(2marks)

(ii) Give four ways of reclaiming land, apart from irrigation used in Kema. (4marks)

(b) (i) Name four polders created under the Zuyder Zee project in the Netherlands?
(4marks)

(ii) Outline the stages followed in reclamation of land from the sea in Netherlands?
(6marks)

(iii) Give three benefits of the Zuyder Zee project?
(3marks)

(c) Form four students in a school in Ahero visited an irrigation farm;

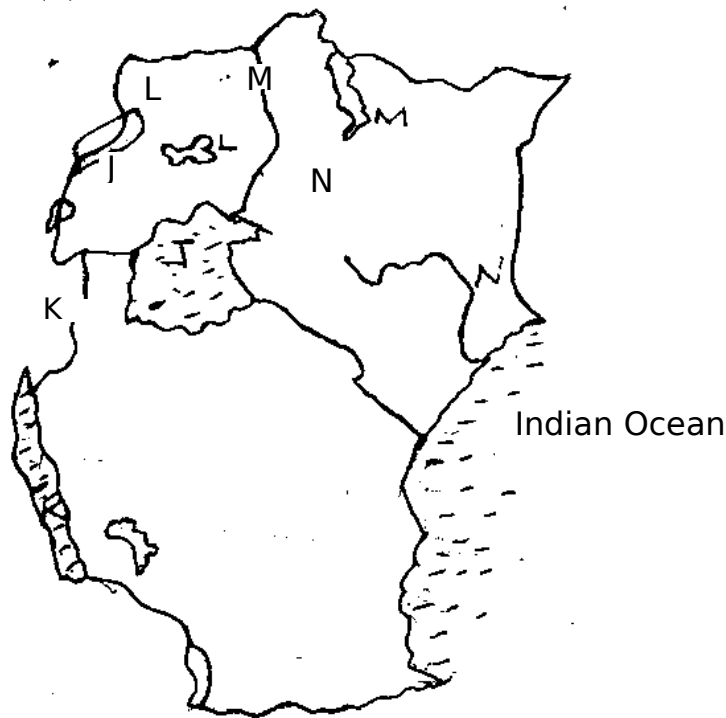
(i) State two objectives for the study?

(2marks)

(ii) State four problems facing irrigation projects in Kenya did they come up with?

(4marks)

9. The map of East Africa below shows some fishing grounds. Use it to answer questions (a) and (b).



a) Name the fishing grounds marked :
(5 marks)

J
K
L
M
N

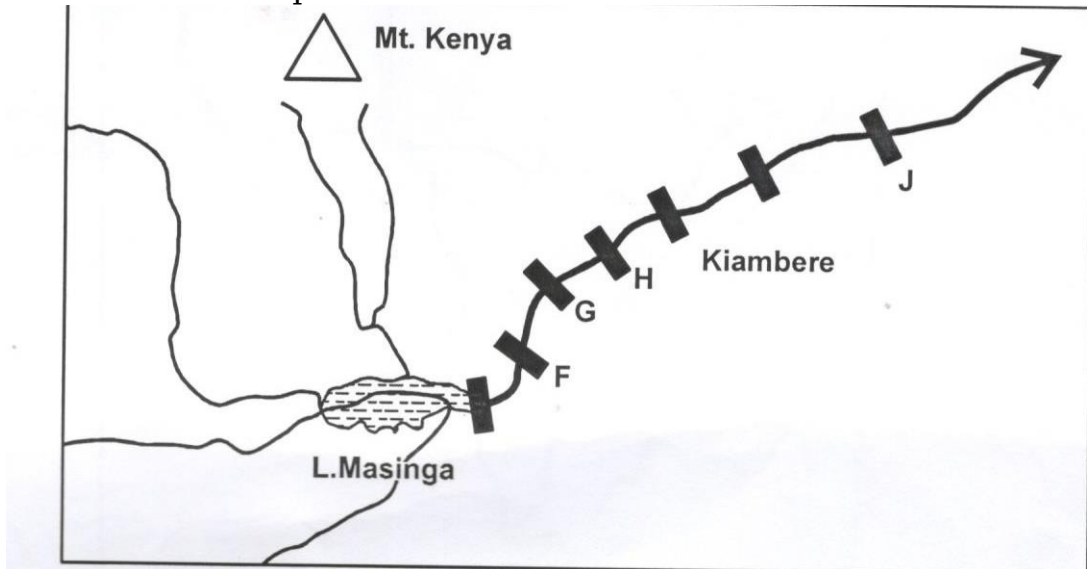
b) i) Explain **three** factors that have favoured fishing in the area marked **J**.
(6 marks)

ii) Name **three** fish species caught in the area marked **J**.
(3 marks)

c) Give **four** reasons why inland fishing is more widespread in East Africa than fishing in the Indian Ocean.
(8 marks)

d) Name **three** traditional fishing methods used by fishermen in East Africa.
(3 marks)

10. a) marks)
- Define the term energy (2 marks)
 - Identify the type of energy from the following sources.
 - Sun (1 mark)
 - uranium (1 mark)
 - wind (1 mark)
- b) The diagram below shows the location of Hydro- power stations in Kenya. Use it to answer questions below.



- Name the HEP projects F, G, H (3 marks)
 - Name the proposed dam and power station marked J (1 mark)
- c)
- Explain three benefits of hydro-electric power projects to the economies of the East African countries. (6 marks)
 - Explain two physical factors that have influenced the location of the Owen falls hydro- electric power project in Uganda. (4 marks)
 - Apart from Owen falls dam, name two other hydro-electric power projects in Uganda. (2 marks)
- d) Your geography class intends to carry out a field study at Olkaria geothermal power plant.
- State two objectives of your study. (2 marks)
 - Give two follow up activities you would be involved in after the filed study. (2 marks)

