

Name Index Number

312/2
GEOGRAPHY
Paper 2
Nov. 2016
2¾ hours

Candidate's Signature

Date



THE KENYA NATIONAL EXAMINATIONS COUNCIL
Kenya Certificate of Secondary Education
GEOGRAPHY
Paper 2
2¾ hours

Instructions to candidates

- (a) *This paper has **two** sections: **A** and **B**.*
- (b) *Answer **all** the **questions** in **section A**.*
- (c) *Answer **question 6** and any other **two** questions from **section B**.*
- (d) *All answers must be written in the answer booklet provided.*
- (e) *This paper consists of **5** printed pages.*
- (f) *Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
- (g) *Candidates should answer the questions in **English**.*



SECTION A

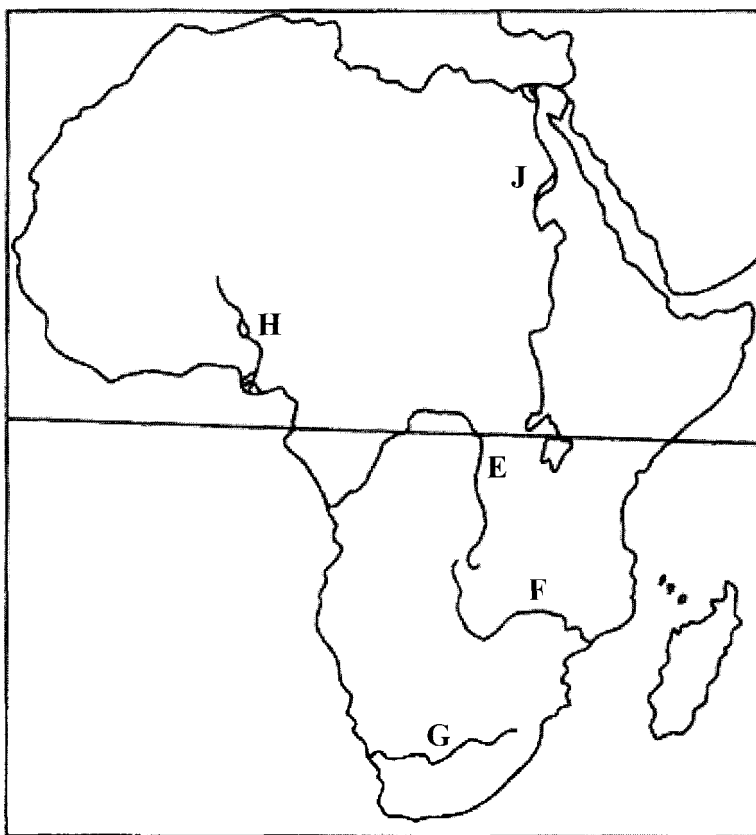
*Answer **all** the questions in this section*

1. (a) Name **two** exotic breeds of dairy cattle reared in Kenya. (2 marks)
- (b) State **three** physical conditions that favour dairy farming in Denmark. (3 marks)
2. (a) Name the method of irrigation used in the Perkerra Irrigation Scheme. (1 mark)
- (b) State **three** factors that influenced the location of the Perkerra Irrigation Scheme. (3 marks)
3. (a) Differentiate between transport and communication. (2 marks)
- (b) State **three** causes of the decline in the use of letter writing as a means of communication in Kenya. (3 marks)
4. (a) Why is Kenya's petroleum refinery located at Mombasa? (2 marks)
- (b) State **three** ways in which the clearing of forests has affected the natural environment in Kenya. (3 marks)
5. (a) State **three** measures which the government of Kenya has taken to reduce infant mortality. (3 marks)
- (b) Give **three** negative effects of low population growth in a country. (3 marks)

SECTION B

Answer question 6 and any other two questions from this section

6. Use the map below to answer question (a) (i) and (ii)



- (a) Name:
- (i) The rivers marked **E**, **F** and **G**. (3 marks)
- (ii) The human-made lakes marked **H** and **J**. (2 marks)
- (iii) Explain **four** measures which should be taken to improve inland water transport in Africa. (8 marks)
- (b) State **four** ways in which communication contributes to economic development in Kenya. (4 marks)
- (c) Explain **four** problems facing railway transport in Africa. (8 marks)

7. Study the photograph below and answer questions (a) and (b).



- (a) Name:
- (i) the mining method shown in the photograph; (1 mark)
 - (ii) **two** minerals that may be mined using the method shown in the photograph. (2 marks)
- (b)
- (i) Using evidence from the photograph, give **four** indicators that show that the weather was hot when the photograph was taken. (4 marks)
 - (ii) Describe how minerals are obtained using the mining method shown in the photograph. (5 marks)
 - (iii) Citing evidence from the photograph, explain **two** ways in which the mining method shown has affected the environment. (4 marks)
 - (iv) Apart from the method shown in the photograph, name **three** other mining methods. (3 marks)
- (c) Explain how the following factors influence the occurrence of minerals
- (i) evaporation; (2 marks)
 - (ii) vulcanicity; (2 marks)
 - (iii) metamorphism. (2 marks)

8. (a) (i) Name **two** settlement patterns. (2 marks)
- (ii) Explain **four** physical factors that influence settlement. (8 marks)
- (b) (i) Explain how the following factors have led to the growth of Thika. (2 marks)
- Location; (2 marks)
 - Transport; (2 marks)
 - Land. (2 marks)
- (ii) Apart from being a transport and communication centre, give **three** other functions of Thika town. (3 marks)
- (c) Explain **three** positive effects of urbanisation to a country. (6 marks)
9. (a) Identify **three** sources of renewable energy. (3 marks)
- (b) (i) Name **three** main Hydro Electric Power stations along the River Tana. (3 marks)
- (ii) Apart from providing electric power, state **four** other benefits of the dams along the River Tana. (4 marks)
- (iii) Identify **two** problems that affect the production of power from the stations along River Tana. (2 marks)
- (c) Explain **four** measures the Government of Kenya has taken to conserve energy. (8 marks)
- (d) Some students carried out a field study on sources of energy by sampling households around their school.
- (i) Identify **two** sampling techniques the students may have used during the study. (2 marks)
- (ii) Give **three** advantages of sampling the household for the study. (3 marks)
10. (a) (i) What is visible trade? (2 marks)
- (ii) List **three** major imports to Kenya from Japan. (3 marks)
- (b) Explain **four** factors that influence internal trade in Kenya. (8 marks)
- (c) State **four** ways in which trade is of significance to Kenya. (4 marks)
- (d) Explain **four** benefits which member states of ECOWAS derive from the formation of the trading bloc. (8 marks)

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