312/2

**GEOGRAPHY**
Paper 2

**July/August 2014**

Time 2 hours 45 minutes

# WESTLANDS FORM FOUR JOINT EXAMINATION
## Kenya Certificate of Secondary Education

### GEOGRAPHY
Paper - 312/2
July/August 2014
Time: 2 hours 45 minutes

## 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 questions.
- Answer all questions in the answer booklet provided.

*This paper consists of 4 printed pages*

*Candidates should check the question paper to ensure that all the
printed pages are printed as indicated and no questions are missing.*

## SECTION A
### Answer ALL questions in this section.

1. a) Name two forest reserves in Kenya                                    (2 marks)

   b) State three characteristics of planted forests in Kenya.             (3 marks)

2. a) What is eco-tourism ?                                                (1 mark)

   b) State three factors that discourage domestic tourism in Kenya       (3 marks)

3. a) Name two leading regions in Kenya where maize is grown              (2 marks)

   b) State three physical conditions favouring cultivation of maize      (3 marks)

4. a) State three factors that influence the occurrence of minerals.      (3 marks)

   b) Give three effects of mining on the environment .                    (3 marks)

5. a) Apart from Olkaria, name two other potential areas for geothermal power production in Kenya
                                                                           (2 marks)

   b) State three reasons for the decline in the use of coal as a source of energy.    (3 marks)

## SECTION B
### Answer question 6 and any other two questions

6. The table below shows items exported from Kenya in '000' tons.

| commodities \ Year | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|---|---|---|---|---|
| Coffee | 20 | 10 | 40 | 80 | 105 |
| Tea | 40 | 30 | 35 | 60 | 90 |
| wheat | 10 | 8 | 15 | 25 | 50 |

a) i)   Using a scale of 1 cm to represent 10,000 tons, draw a comparative line graph to represent the data, in the table                                           (6 marks)

   ii)  Calculate the percentage increase in coffee production between 1983 and 1984.    (2 marks)

b) i) State four physical factors that favour coffee growing in Brazil     (4 marks)

   ii)  Describe how coffee is processed                                    (4 marks)

   iii) Explain three ways through which Kenya government assists small-scale coffee farmers in Kenya.                                                             (6 marks)

c) Give three problems facing coffee farmers in Brazil                      (3marks)

7. a) Differentiate between land reclamation and land rehabilitation (2 marks)

   ii) State four physical requirements for irrigation farming in Kenya (4 marks)

   b) Explain four problems that face irrigation farming in Kenya. (8 marks)

   c) i) What is a polder? (1 mark)

   ii) State any four benefits of the Zuider Zee land reclamation project in Netherlands. (4 marks)

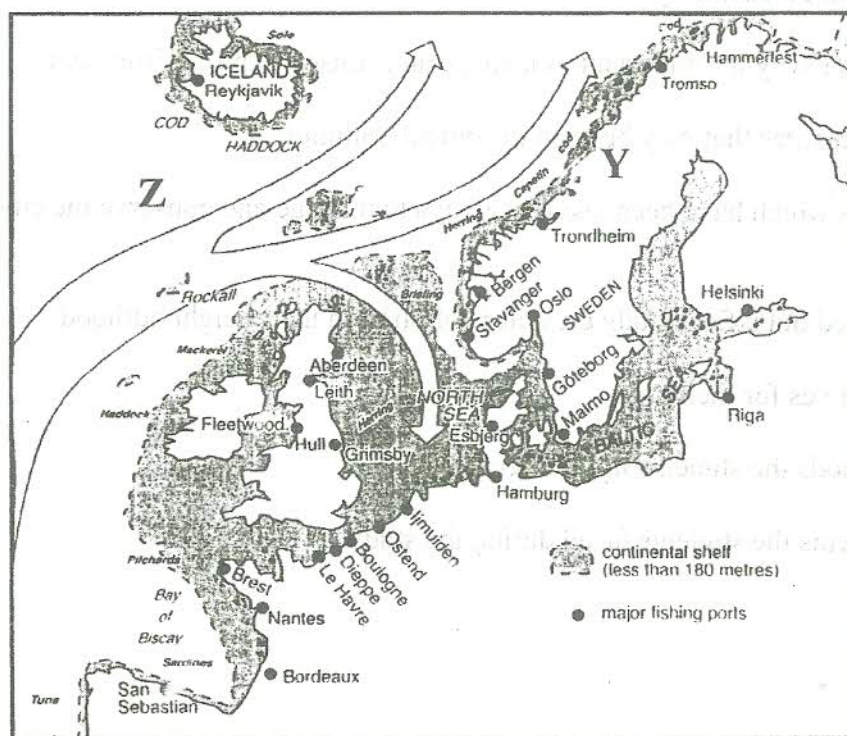   d) i) Name two places in Kenya that have been rehabilitated. (2 marks)

   ii) Give four physical factors which influenced the establishment of Mwea Tebere irrigation scheme (4 marks)

8. a) Define the following terms
   i) fishing. (1 mark)

   ii) Fish farming (1 mark)

   b) The map below shows a major fishing ground. Use it to answer the questions that follow.



   i) Name the fishing ground marked Z (1 mark)

   ii) Name the country marked Y. (1 mark)

   c) State four physical factors that favour fishing in the fishing ground, marked Z (4 marks)

   d) Describe the following methods of fishing.

   i) drifting (4 marks)

   ii)

e) Compare fishing in Kenya and Japan under the following sub-headings.
   i) Fishing grounds (2 marks)

   ii) Climate (2 marks)

   iii) Market (2 marks)

f) State four ways of Managing fresh water and marine fisheries. (4 marks)

9.a) Explain four factors which influence the importation and exportation of goods. (8 marks)

b) i) Differentiate between visible and invisible trade. (2 marks)

   ii) Explain four challenges facing trading activities among the East African countries. (8 marks)

c) i) Name two major products Kenya export to other countries. (2 marks)

   ii) State ways in which trade is of significance to Kenya. (5 marks)

10.a) i) What is an environmental hazard? (2 marks)

   ii) Name two natural hazards. (2 marks

b) i) State four reasons why it's important to manage and conserve the environment. (4 marks)

   ii) Explain four measures that may be used to combat pollution (8 marks)

c) Give three measures which have been taken in Kenya to manage and conserve the environment. (3 marks)

d) Some students carried out a field study on water pollution in their neighbourhood.

   i) State two objectives for their study (2 marks)

   ii) Name two methods the students used to record data. (2 marks)

   iii) State two problems the students faced during the study. (2 marks)