

Name .....

Admission No..... / .....

Candidate's Signature .....

Date .....

312/2

GEOGRAPHY

PAPER 2

JULY/AUGUST 2016

TIME: 2<sup>3</sup>/<sub>4</sub>HRS

## KIGUMO SUB-COUNTY CLUSTER EXAM 2016

*Kenya Certificate of Secondary Education (K.C.S.E)*

GEOGRAPHY

PAPER 2

JULY/AUGUST 2016

TIME: 2<sup>3</sup>/<sub>4</sub>HRS

### Instructions to candidates

- (a) This paper has **TWO** sections: **A** and **B**.
- (b) Answer **ALL** the questions in section **A**.
- (c) Answer question **SIX (6)** and any other **TWO** questions from section **B**.
- (d) All answers **must** be written in the answer booklets provided.
- (e) Candidate should check the question paper to ascertain that **ALL** the pages are printed as indicated and that no question is missing.

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

1. a) State **two** formations in which mineral ores occur. (2mks)  
b) Give **three** reasons why coal resource in the Mui basin Kitui county has not been commercially exploited. (3mks)
2. a) What is mixed farming? (2mks)  
b) Give **three** advantages of mixed farming. (3mks)
3. a) Give **three** lakes which are part of the St. Lawrence Seaway. (3mks)  
b) Outline **two** measures that should be taken to improve road transport in Kenya. (2mks)
4. a) State **two** reasons why some industries are located near sources of raw materials. (2mks)  
b) Give **three** examples of non-food agricultural processing industries in Kenya. (3mks)
5. a) Name **two** functional zones in an ideal urban centre. (2mks)  
b) State **three** factors that contribute to the emergence of slums in urban centres. (3mks)

**SECTION B (75 MARKS)**  
**Answer question six and any other two questions in this section.**



6. Study the photograph extract provided and answer questions (a), (b) and (c) below.
- a) i) Name the type of photograph shown. (1mk)
  - ii) Briefly describe the activity represented in the photograph. (2mks)
  - iii) Name **two** forms of transportation shown in the photograph. (2mks)
  - b) Draw a rectangle 15cm by 12cm in the rectangle, represent the **main** features shown in the photograph. (5mks)
  - c) Students from a secondary school in Murang'a County conducted a field study on the activity shown in the photograph.
    - i) State **two** objectives for their field study. (2mka)
    - ii) Why was it necessary for them to prepare a work schedule? (2mks)
  - d) i) Apart from Mombasa, name one other city in East Africa where this photograph may have been taken. (1mk)
  - ii) Name **three** countries which form part of Mombasa's hinterland.
  - e) State and explain **three** geographical factors that favoured the establishment of the port of Mombasa. (6mks)
7. a) Name **two** major minerals mined in Kenya's Rift Valley. (2mks)
- b) i) Apart from deep shaft mining, name three other mining methods. (3mks)
  - ii) Explain how shaft mining methods is carried out. (7mks)
  - c) State any **four** conditions necessary for the formation of petroleum. (4mks)
  - d) How does Kenya stand to gain from the exploitation of petroleum in the Turkana county?(9mks)
8. a) Define:-
- a) a forest (2mks)
  - b) Forestry (2mks)
  - b) Mention **two** factors that determine the distribution of forest in Kenya. (2mks)
  - c) Explain **four** factors that favour the growth of natural forests on the slope of Mt. Kenya. (8mks)
  - d) Explain **four** common problems facing forestry in both Kenya and Canada. (8mks)
  - e) Students of a school at the coast are planning to carry out a field study in a mangrove forest.
    - i) Formulate **two** objectives they would prepare for the field study. (2mks)
    - ii) Mention **one** type of data they would use in their field study. (1mk)
9. a) i) What is shifting cultivation? (2mks)

ii) Identify **four** features of shifting cultivation. (4mks)

b) State **three** physical condition that favour coffee growing in the Central highlands of Kenya. (3mks)

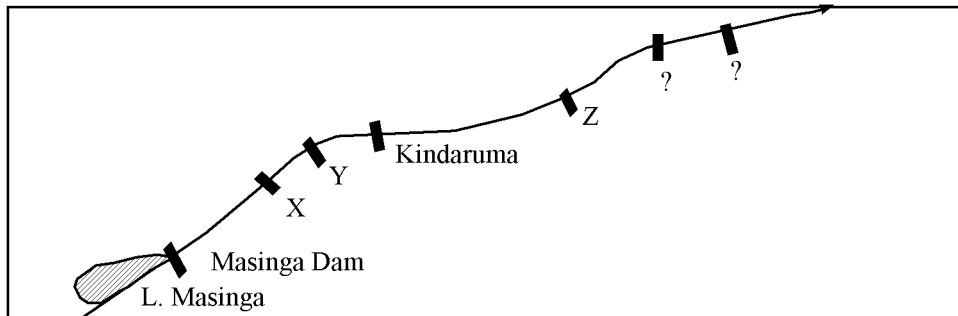
c) Describe the stages involved in coffee production from picking to marketing. (8mks)

d) Explain **four** problems facing coffee farming in Brazil. (8mks)

10. a) Apart from wind and water, name two other types of renewable sources of energy. (2mks)

b) State and explain **five** limitations (or problems) associated with the use of wind energy. (10mks)

c) Study the map below to answer questions c() and (ii) below.



i) Name the Hydro-electric power projects in the Seven Fork scheme marked X, Y and Z. (3mks)

ii) Give the names of the **two** yet-to-be completed power projects to complete the Seven Fork project. (2mks)

d) i) What is meant by energy crisis? (2mks)

ii) Explain the impact of the energy crisis on the economy of developing countries. (6mks)

**CONFIDENTIAL**

**Provide the map of Busia ( 1 : 50,000 sheet 101/1) for the exam - Geography Paper 1**

