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Name ..... Index Number ..... / .....

312/2  
GEOGRAPHY  
Paper 2  
Oct./Nov. 2015  
2¾ hours

Candidate's Signature .....

Date .....



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



05003014

**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 7 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.*

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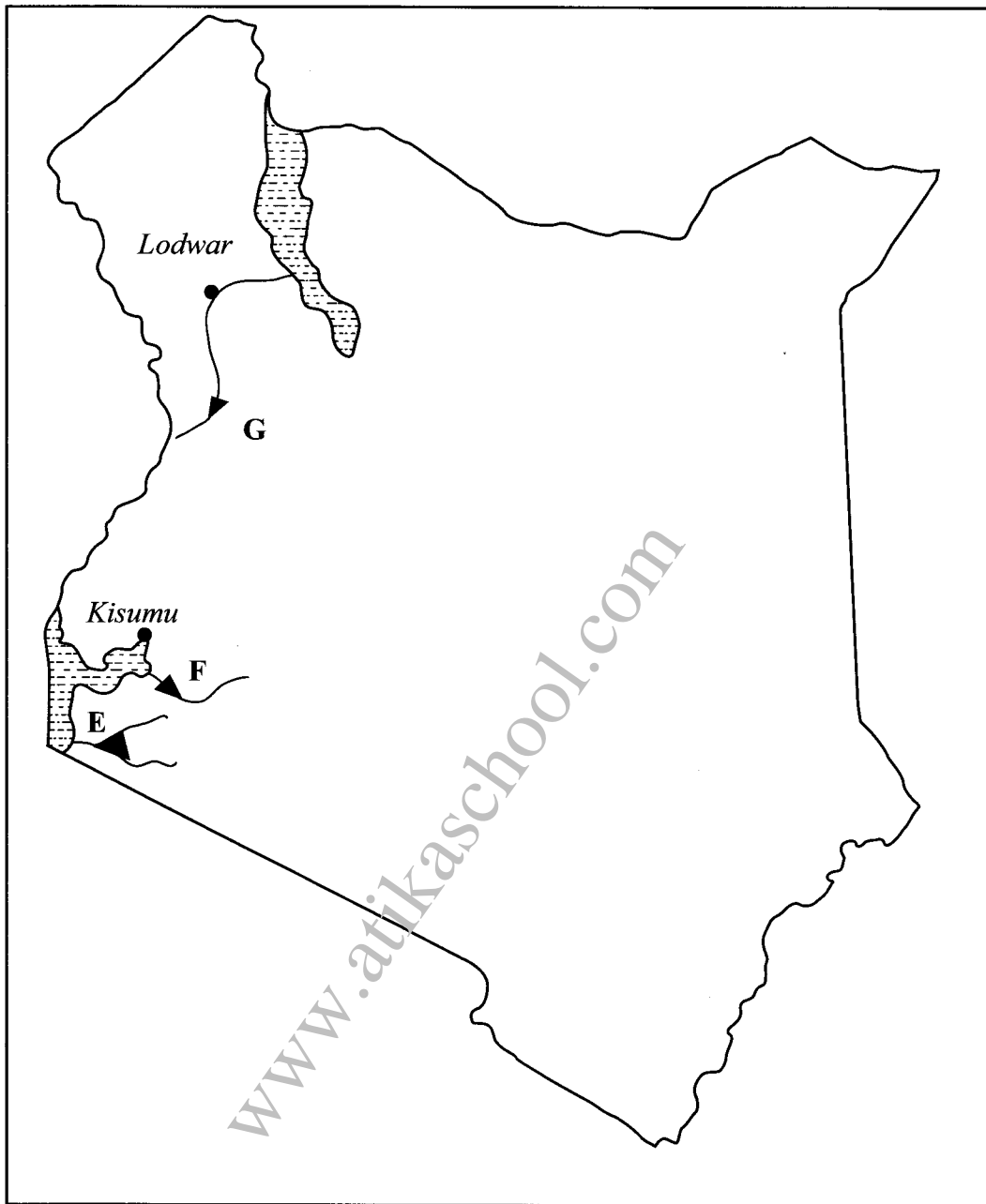
Turn over

**SECTION A: (25 marks)**

*Answer all the questions in this section.*

- 1 (a) Define the term environment. (2 marks)
- (b) Give **three** effects of air pollution in major urban centres. (3 marks)
- 2 (a) Identify **three** factors that influence the occurrence of minerals. (3 marks)
- (b) Name the area where the following minerals are mined in Kenya:
- (i) diatomite; (1 mark)
- (ii) salt. (1 mark)
- 3 (a) Distinguish between forest and forestry. (2 marks)
- (b) Identify **three** activities that may be undertaken in your school to conserve trees. (3 marks)
- 4 Give **four** challenges facing Nomadic pastoralism in Kenya. (4 marks)

- 5 Use the map of Kenya below to answer question (a).



- (a) Name the hydro-electric power projects marked **E**, **F** and **G**. (3 marks)
- (b) State **three** advantages of geothermal power as a source of energy. (3 marks)

**SECTION B: (75 marks)**

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

- 6 The table below shows the value of some of Kenya's mineral exports from 2008 to 2011. Use it to answer questions (a) and (b).

**Value of Kenya's mineral exports (Million Ksh.)**

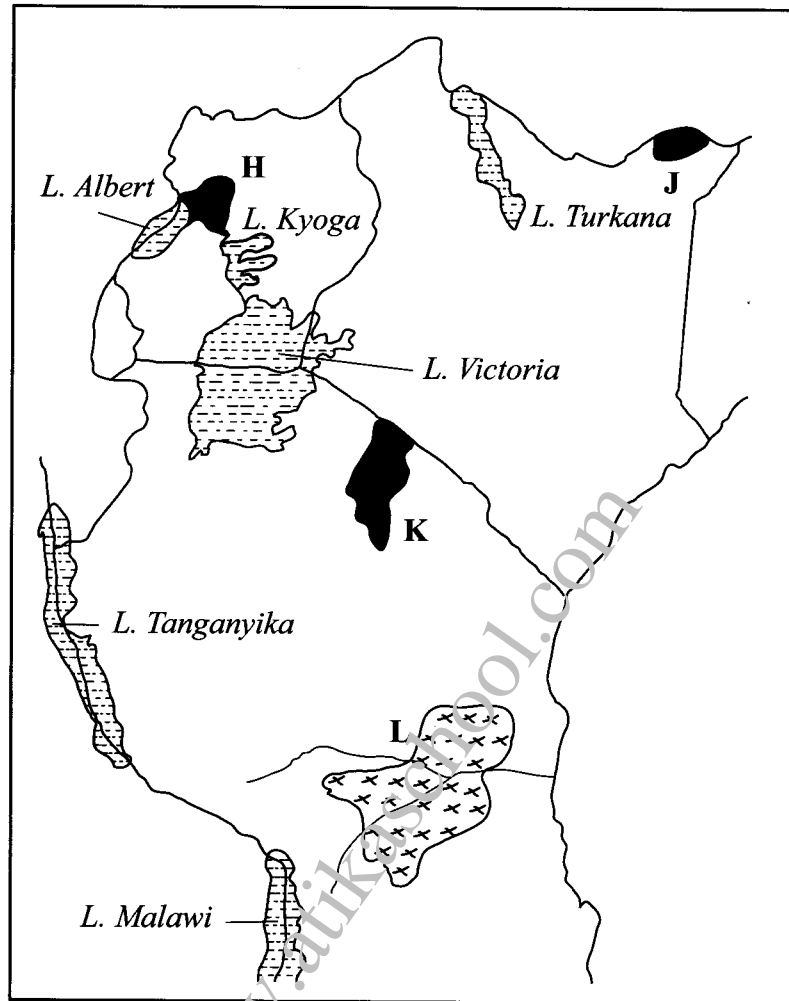
Mineral \ Year	2008	2009	2010	2011
Soda Ash	13 200	8 300	7 300	12 400
Petroleum Products	4 200	4 500	4 700	6 100
Cement	7 300	7 800	7 400	8 900

Source: Central Bureau of Statistics

- (a) (i) Using a scale of 1 cm to represent 1 000 million Kenya Shillings, draw a comparative bar graph to represent the data shown. (8 marks)
- (ii) State **three** advantages of using comparative bar graphs to represent statistical data. (3 marks)
- (b) Calculate the percentage increase in value of exports between the years 2010 and 2011. (6 marks)
- (c) Explain the significance of trade to the economy of Kenya. (8 marks)
- 7 (a) State **three** physical conditions which favour large scale sugarcane growing in Kenya. (3 marks)
- (b) (i) Describe the stages involved in the processing of sugarcane at the factory. (6 marks)
- (ii) Give **three** by-products obtained from sugarcane. (3 marks)
- (c) Explain **three** ways in which the Kenya Government is promoting the sugar manufacturing industry. (6 marks)
- (d) Your class visited a sugarcane plantation for a field study on land preparation and planting.
- (i) Outline **four** activities that you are likely to identify. (4 marks)
- (ii) Give **three** methods you would use to record data during the field study. (3 marks)

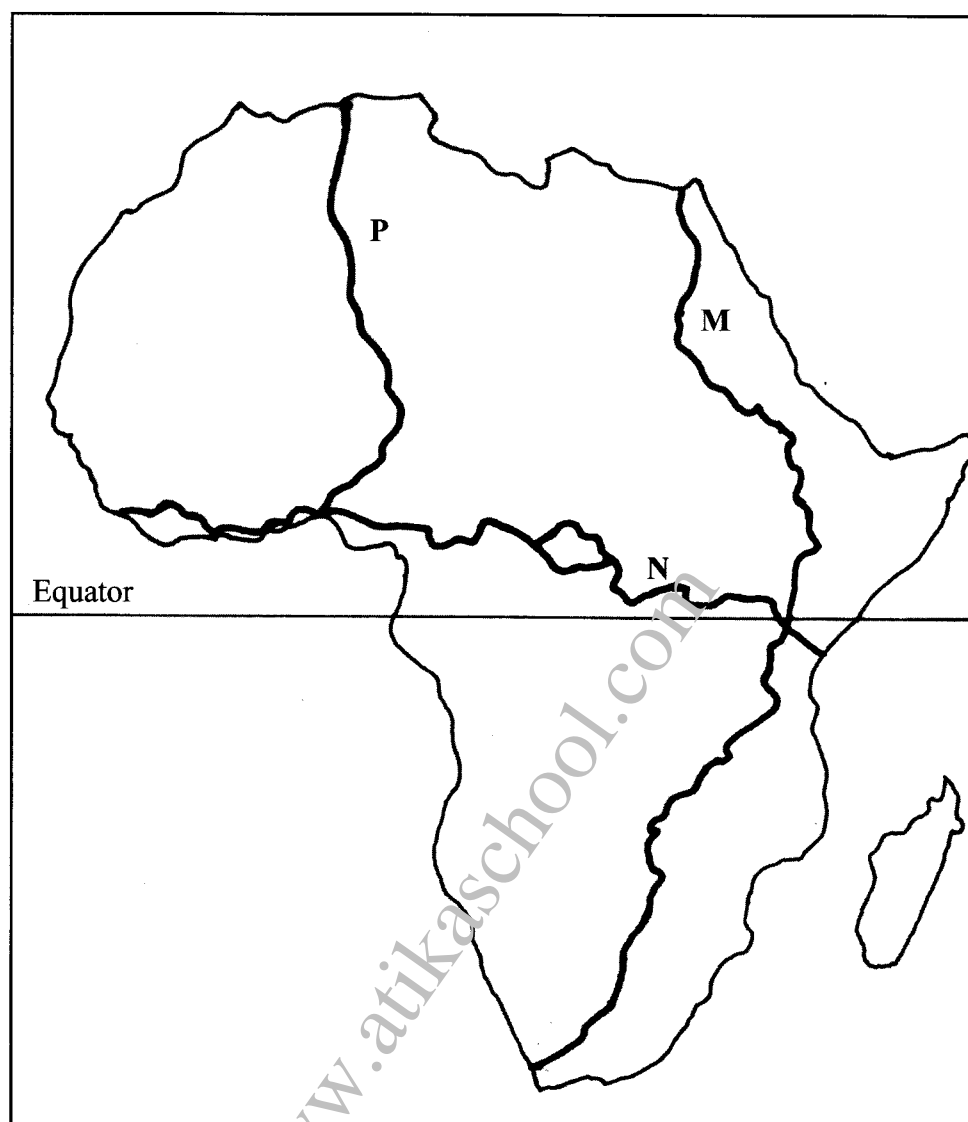
- 8 (a) Differentiate between domestic and international tourism. (2 marks)

Use the map of East Africa below to answer question (b).



- (b) Name:
- (i) The national parks marked H, J and K. (3 marks)
  - (ii) The game reserve marked L. (1 mark)
- (c) (i) Explain how the following factors influence tourism in Kenya.
- climate; (2 marks)
  - scenery; (2 marks)
  - tour companies. (2 marks)
- (ii) State **five** effects of floods on tourism. (5 marks)
- (d) Explain **four** ways in which the county governments in Kenya would promote sustainable tourism. (8 marks)

- 9 Use the map of Africa below to answer question (a)



- (a) Name the trans-continental highways in Africa marked M, N and P. (3 marks)
- (b) (i) State **four** advantages of air transport. (4 marks)
- (ii) Explain **four** efforts that the Kenya Government has taken to improve air transport. (8 marks)
- (c) (i) Identify **two** types of communication. (2 marks)
- (ii) Explain **four** problems facing communication in Africa. (8 marks)

- 10 (a) (i) Give **two** main sources of population data. (2 marks)
- (ii) Outline the information that can be derived from a population pyramid. (3 marks)
- (b) Explain how the following factors have led to population increase in Kenya
- (i) cultural beliefs; (2 marks)
- (ii) migration. (2 marks)
- (c) Explain **four** problems which result from a high population growth rate in Kenya. (8 marks)
- (d) Describe **four** ways in which the population of Kenya differs from that of Sweden. (8 marks)

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