GEOGRAPHY PAPER 2

KAGONDO SECONDARY SCHOOL

APRIL 2017

312/2

## SECTION A (25 MKS)

*Answer all the questions in this section*

1. a) Name two conditions that are necessary for the formation of petroleum (2mks)

b) Give three ways in which open cast mining affect the environment (3mks)

2 a) Give two reasons why hardwood tree species in Kenya are in danger of extinction (2mks)

b) State three ways in which softwood forests in Kenya differ from those in Canada (3mks)

3 a) List three social factors that influence agriculture (3mks)

b) Give two horticultural crops grown in Kenya (2mks)

4 a) State two physical problems experienced by farmers at Mwea-Tebere irrigation scheme (2mks)

b) Outline three methods that were used to rehabilitate land in the Tennessee valley in the united states of America (3mks)

5 a) Name two sources of electric power other than water (2mks)

b) State three physical conditions necessary for the location of a hydro-electric power dam (3mks)


## SECTION B

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

6. The table below shows three crops produced in Kenya in thousand metric tons between 2003 and 2005.use it to answer the questions that follow.

CROP PRODUCTION IN THOUSAND METRIC TONES

| CROP/YEAR | 2003 | 2004 | 2005 |
|-----------|--------|--------|--------|
| Tea | 30,000 | 45,000 | 52,000 |
| Coffee | 24,000 | 35,000 | 41,000 |
| Maize | 18,000 | 20,000 | 24,000 |

a)i)Using a scale of 1cm to represent 10,000 metric tons, draw a comparative bar graph to represent the data above (7mks)

ii) State three advantages of using comparative bar graph to represent data (3mks)

iii) a) Calculate the percentage increase in coffee production between year 2003 and 2005 (1mk)

b) State four physical factors that favor wheat farming in Kenya (4mks)

c) Give problems faced by wheat farmers in Kenya (4mks)

d) Explain three factors that favor mechanization of wheat farming in Canada (6mks)

7 a) i) Define the term tourism (1mk)

ii) Name two tourist found in the rift valley province (2mks)

b) Explain four factors which have hindered the development of domestic tourism in Kenya (8mks)

c) Explain three problems experienced by the Kenya government in the effort to conserve wildlife (6mks)

d) Explain four factors which have made Switzerland a major tourist destination in Europe (8mks)

8 a) Name three countries in which Kenya exports tea (1 ½ mks)

b) Explain four physical factors that favor tea growing in Kenya (8mks)

c) Describe the steps involved in the processing of team (6mks)

d) State five problems facing tea farmers in Kenya (5mks)

e) Explain three roles of KTDA (3mks)

9 a) i) Differentiate between pelagic and demersal fish (2mks)

ii) State four economic factors that favor fishing (4mks)

b) i) Define the term fish farming (1mk)

ii) Explain four reasons why the government of Kenya is encouraging fish farming (8mks)

c) State four reasons why marine is less popular in East Africa (4mks)

d) Explain three conditions that favor fishing in Japan (6mks)

10 a) i) What is agroforestry (2mks)

ii) Give three reasons why agroforestry is being encouraging in Kenya (3mks)

b) i) Explain three factors that limit exploitation of tropical rainforest (6mks)

c) Differentiate between forestry in Kenya and Canada (8mks)

d) i) Which two factors that favor the growth of forest on Mt.kenya (2mks)

ii) Name two problems that affect forestry in Kenya (2mks)