NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ INDEX NO. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SCHOOL \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SIGNATURE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

312/2

GEOGRAPHY

PAPER 2

July, 2017

TIME: 2 HOURS 45 MINUTES

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INSTRUCTIONS TO CANDIDATES

* This paper has **two** sections, **A** and **B**.
* Answer **all** the questions in section **A**.
* Answer question **6** and any other **two** questions from section **B**.
* All answers **must** be written in the answer booklet provided.
* This paper consists of **4** printed pages.
* Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing
* Candidate should answer the questions in English.

**SECTION A** (25 MARKS)

*Answer ALL the questions in this section*

1. a) Name any **two** underground mining methods. (2 marks)

b) State any **three** negative effects of mining on the environment. (3 marks)

2. a) List down **three** human factors that favour wildlife conservation. (3 marks)

b) State **two** advantages of domestic tourism in Kenya. (2 marks)

3. a) What are floods? (2 marks)

b) Name **three** rivers in Kenya which cause large scale flooding. (3 marks)

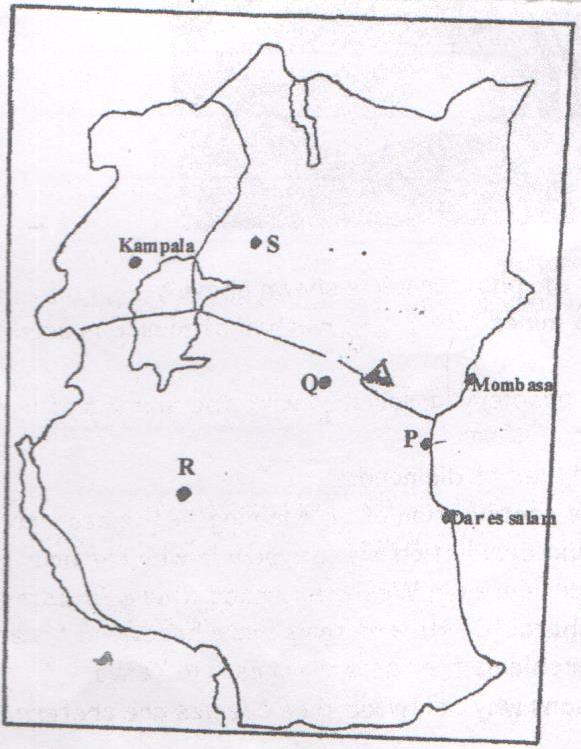
4. a) Define the following terms;

i) Fertility rate (1 mark)

ii) Mortality rate (1 mark)

b) State **three** types of information that may be derived from an age-sex pyramid. (3 marks)

5. Use the map of East Africa below to answer the questions that follow.



**Dar es salam**

**Mombasa**

**Kampala**

**S**

**R**

**Q**

**P**

a) Name the towns marked P, Q and R. (3 marks)

b) State **two** major functions of the town marked S. (2 marks)

**SECTION B** (75 MARKS)

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

6. The table below shows the value of export crops from Kenya in the year 1995.

Use it to answer the questions below.

|  |  |
| --- | --- |
| **Crop / Year** | **1995** |
| Maize | 224,000,000 |
| Coffee | 168,000,000 |
| Tea | 320,000,000 |
| Horticultural | 190,000,000 |
| TOTAL | 902,000,000 |

a) i) Draw a divided rectangle measuring 15cm to represent the above data. (9 marks)

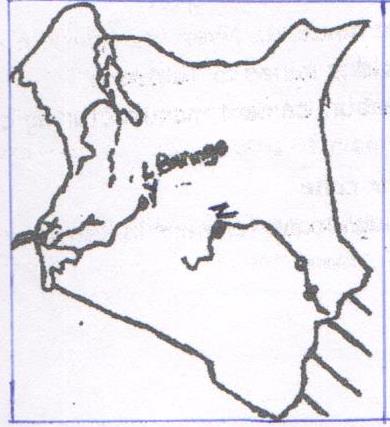
ii) State **three** advantages of using divided rectangles to represent geographical data. (3 marks)

b) State **four** physical conditions that favour coffee growing in Kenya highlands. (4 marks)

c) Describe the processing of coffee from harvesting to marketing. (6 marks)

d) List **three** ways in which planted coffee is taken care by farmers. (3 marks)

7. Use the map of Kenya below to answer question 7. a) i), ii) and iii).



**L. Baringo**

**Y**

**X**

**Z**

a) i) Identify the irrigation schemes marked X, Y and Z and in each case the main crop grown. (6 marks)

ii) Explain **four** factors that led to the location of irrigation scheme Y. (8 marks)

iii) State **four** problems that are experienced in the irrigation marked Z. (4 marks)

b) What is a polder? (2 marks)

c) Give **five** benefits of the Zuyder Zee project. (5 marks)

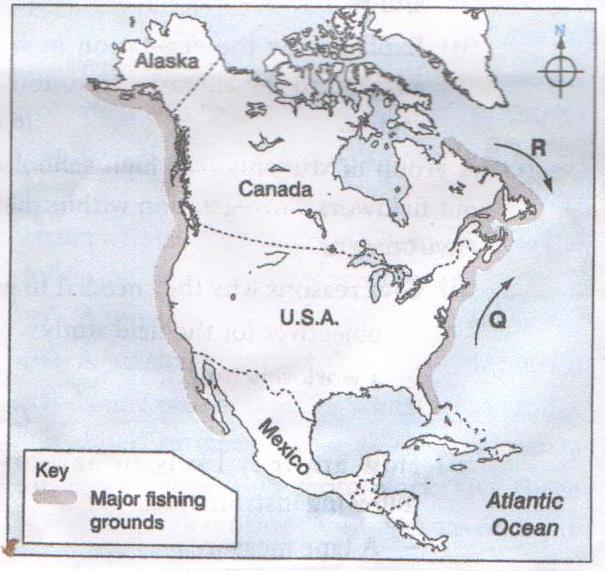
8. a) i) Name **two** types of fishing grounds in Kenya. (2 marks)

ii) Give **two** types of fishing methods. (2 marks)

iii) Give **four** reasons why marine fishing industry in east Africa is not well developed. (4 marks)

b) Explain **four** ways in which marine fisheries are being conserved in Kenya. (8 marks)

c) Use the map of North America below to answer questions (i) and (ii).



i) Name **one** method of fishing used in the shaded area. (1 mark)

ii) Name ocean currents marked Q and R. (2 marks)

d) Explain why major fishing grounds of the world are located in the temperate latitudes

of the northern hemisphere. (6 marks)

9. a) Distinguish between manufacturing and tertiary industries. (2 marks)

b) i) Name **four** agricultural food processing industries in Kenya. (4 marks)

ii) Explain **four** factors that influenced the location of the iron and steel industries in

the Ruhr region of Germany. (8 marks)

c) Give **five** reasons why the government of Kenya encourages the establishment of Jua

Kali industries. (5 marks)

d) You intend to carry out a field study in a coffee factor near your school.

i) State **three** reasons why you would visit the area of study in advance. (3 marks)

ii) You have prepared a working schedule for your study.

State **three** items you would include in your schedule. (3 marks)

10. a) Draw an outline map of Kenya. (2 marks)

b) On the map indicate the following forests. (3 marks)

i) Kakamega forest

ii) Mt. Kenya forest

iii) Arabuko sokoke forest

c) i) Name **three** natural causes of forest depletion. (3 marks)

ii) Describe **four** problems facing forests in Kenya. (8 marks)

d) i) State **three** factors favouring production of soft wood forests in Canada. (3 marks)

ii) Explain **three** reasons why the Kenyan government should conserve her forests. (6 marks)