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

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

**312/2**

**GEOGRAPHY**

**PAPER 2**

JULY/ AUGUST, 2017

**TIME: 2¾ HOURS**

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

312/2

GEOGRAPHY

PAPER 2

TIME: 2¾ HOURS

**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**.
* Each question in section B must be answered in separate foolscaps.
* 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.

**SECTION A**

**Answer all questions in this section on the foolscaps provided.**

1. a) Name **three** main mining methods. (3marks)

b) Name **two** places where Gold is mined in Tanzania. (2marks)

1. a) Outline **three** characteristics of coniferous forests. (3marks)

b) Identify **two** fibre crops found in the tropical forests. (2marks)

1. a) Apart from rivers, identify other types of inland waterways used for transport in Africa. (2marks)

b) State **three** reasons why there is limited use of river transport in Africa. (3marks)

1. a) Name **three** international airports in Kenya. (3marks)

b) What is visible trade (2marks)

1. a) Give **three** ways through which Nairobians pollute water resources within the city (3marks)

b) Identify **two** natural hazards that take place in Nairobi. (2marks)

**SECTION B**

1. Study the data below and answer the questions that follow.

 **LEADING EXPORT CROPS FROM KENYA BY VALUE ( K SHS MILLIONS)**

|  |  |  |  |
| --- | --- | --- | --- |
| **CROPS** | **HORTICULTURE** | **TEA** | **UNROASTED COFFEE** |
| 2000 | 21216 | 35150 | 11707 |
| 2001 | 19846 | 34485 | 7460 |
| 2002 | 28334 | 34376 | 6541 |
| 2003 | 36485 | 33005 | 6286 |
| 2004 | 39541 | 36072 | 6944 |

1. i) Calculate the percentage increase in value of each export commodity between 2003 and 2004. (3marks)

ii) Using the scale 1cm represents 5 million draw a compound bar graph on crop Exports between 2000 to 2003. (6marks)

1. i) State **four** human requirements for successful production of maize in Kenya. (4marks)

ii) List three counties in Kenya where maize is grown on large scale. (3marks)

1. Explain **three** reasons why Kenya imports maize and wheat yet she is a producer of the same commodities. (6marks)
2. State the role of the National Cereals and Produce Board (NCPB) to the agricultural sector. (3marks)
3. a) i) Distinguish between land reclamation and land rehabilitation. (2marks)

ii) Apart from irrigation, name **two** other methods of rehabilitating land in Kenya.

 (2 marks)

b) State **three** disadvantages of the springler method of irrigation. (3marks)

c) i) Describe the steps involved in the reclamation of land in the Netherlands used by the Zuyder Ze project. (5marks)

ii) The outline map provided shows the polders in the Netherlands.



Name the polders marked X and Y (2marks)

Name the Lake marked Z (1mark)

1. i) State **four** similarities of land reclamation in Kenya and the Netherlands. (4marks)

ii) Explain three physical reasons why Mwea is a suitable location for an irrigation scheme. (6marks)

1. a) i) State **two** characteristics of anadromous fish. (2marks)

ii) Give **three** differences between demersal and pelagic fish. (6marks)

b. Explain how the following factors negatively affect fishing in Kenya

i) agricultural activities (4marks)

ii) water weeds (4marks)

c. You intend to carry out a field study on fishing in a Lake. During the study you identified the following fishing methods



 A



1. Give **two** main disadvantage for each method of fishing. (4marks)
2. Describe how method marked A is used in catching fish (4marks)
3. State **one** objective which you could have set for the study (1mark)
4. a) i) Identify **two** forms of wildlife in East Africa. (2marks

ii) State **three** differences between a National Park and a Game Reserve. (3marks)

b) i) Draw a sketch map of Kenya (1mark)

On the sketch map, mark and name the following

1. Marsabit National Park (1mark)
2. Maasai Mara Game Reserve (1mark)

 ii) State four problems associated with wildlife. (4marks)

1. i) Identify **two** inland tourist attractions in Kenya (2marks)

ii) State **three** factors that hinder development of domestic toursim. (3marks)

1. Explain **four** differences between tourism in Kenya and Swizerland. (8marks)
2. Study the map of the Ruhr Industrial Region below and answer the questions that follow



a) i) The river marked A and B (2marks)

ii) The canals marked E and F (2marks)

b) i) Why is the oil refining industry located in Changamwe Mombasa ? (2marks)

ii) Explain **three** reasons a government may have for influencing the location of an industry in rural areas. (6marks)

iii) Explain **three** reasons that infuence the development of light industries more than heavy industries in East Africa. (6marks)

c. i) Give **four** broad categories of tertiary industries in Kenya (4marks)

ii) State **three** features of cottage industries in India. (3marks)