**NAME: ………………………………………………………CLASS:……………………………**

**INDEX NO: ……………………………….**

**312/2**

**GEOGRAPHY**

**PAPER 2**

**TIME: 2 ¾ HOURS**

**SET 3**

**FORM 4**

**Kenya certificate of secondary education (K.C.S.E)**

**Instructions to Candidates**

**a)** This paper has two Sections: **A** and **B**.

**b)** Answer all the questions in Section **A**.

**c)** Answer Questions **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 4 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.

***This paper consists of 4 printed pages. Candidates should check the question paper to ensure that all pages are printed as indicated and no questions are missing.***

**SECTION A**

**Answer all questions in this section**

**1.** **a)** State **two** ways in which minerals occur. **(2 marks)**

**b)** Describe panning as a method of mining. **(3 marks)**

**2.** **(a)** Name **two** indigenous softwood tree species found in Kenya. **(2 marks)**

**(b)** State **three** factors that favour the development of softwood forests in Canada. **(3 marks)**

**3. a)** Define international trade. **(2 marks)**

**b)** Name three major imports from Europe to Kenya. **(3 marks)**

**4.**  **a)** Define eco-tourism. **(2marks)**

**b)** State three factors which have made Switzerland a major tourist destination. **(3marks)**

**5.** State **five** factors which influence nucleated settlement pattern. **(5 marks)**

**SECTION B**

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

**6.** Study the photograph below and use it to answer question (a)



**a) (i)** Name the type of photograph shown above **(1 mark)**

**(ii)** What time of the day was the photograph taken if the camera was held facing south? **(1 mark)**

**iii)** Draw a rectangle measuring 16cm by 9cm to represent the area of the photograph. On it

 sketch and label the main features shown on the photograph. **(5 marks)**

**iv)**  Describe the landscape of the area represented by the photograph. **(3 marks)**

**(b) (i)** Identify **two** counties in the Rift Valley where ranching is practiced. **(2 marks)**

**(ii)** Name **one** exotic breed of beef cattle reared in Kenya **(1 mark)**

**c)** State **four** physical factors which favour beef farming in Argentina. **(4 marks)**

**d)** Explain **four** benefits of beef farming to the economy of Argentina **(8 marks)**

**7. (a)** State **two** advantages of written communication.  **(2 marks)**

**(b)** Use the outline map of East Africa provided to answer questions (i) and (ii).



**(i)** Name the towns marked **W** and **X**. **(2 marks)**

**(ii)** Name the railway lines marked **Y** and **Z**. **(2 marks)**

**(c)(i)** State **two** ways in which Kenya would benefit from the construction of the Standard gauge

 railway. **(2 marks)**

**(ii)** Explain**three** factors that hinder development of River transport in Africa. **(6 marks)**

**(d)** The map below shows the Great Lakes and St. Lawrence Seaway. Use it to answer question **(i)** and (ii).

**(i)** Name the canals marked **J** and **K**. (**2 marks)**

**(ii)** Name the towns marked **M, N** and **P**. **(3 marks)**

**(e)**  Explain **three** measures that were taken to solve the challenges that faced navigation along the Great Lakes and St. Lawrence Seaway. **(6 marks)**

**8. a )i**) Name **two** countries found in the North West pacific fishing ground. **(2marks)**

**ii)** Explain **four** physical factors that favour fishing in the above fishing ground. **(8marks)**

**b)** Describe the following methods of fishing:

**i)** drifting **(4marks)**

**ii)** purse seine **(4marks)**

**c)** Compare fishing in Kenya and Japan under the following sub-headings:

**i)** fishing ground **(2marks)**

**ii)** climate **(2marks)**

**d)**  State **three** significance of fishing to the economy of Kenya. **(3marks)**

**9. a)** State **three** physical conditions that favour large scale farming in Kenya. (**3marks)**

**b)** Describe the cultivation of sugarcane in the lake region of Kenya from preparation of land to the harvesting stage. **(5marks)**

**c) i)** Give **five** problems facing sugarcane farming in Kenya. **(5marks)**

**ii)** Explain **three** reasons why Kenya import sugar yet she is a producer of the same commodity. **(6marks)**

**d)** Your class visited a sugar factory for a field study on sugar processing.

**i)** Outline four stages of sugar processing that the class have observed. **(4marks)**

**ii)** Name two by- products of sugar that the class may have identified during the study. (**2marks)**

**10. a) i)** Apart from water and air pollution, name **two** other types of pollution. **(2 marks)**

**ii)** Give **three** ways through which water is polluted. **(3 marks)**

**iii)** Explain **three** effects of air pollution on the environment. **(6 marks)**

**b) i)** Explain **three** factors that lead to frequent flooding in the lake region of Kenya. **(6 marks)**

**ii)** State **three** ways through which floods are controlled in the lake region of Kenya**.(3 marks)**

**c)** You are planning to carry out a field study on effects of wind on the environment.

**i)** State **two** methods of data collection you are likely to use. **(2 marks)**

**ii)** Give **three** ways in which your findings will benefit the local people. **(3 marks)**