NAME: … CLASS:… … … … … … … … … … … …

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GEOGRAPHY

PAPER 2

TRIAL 6

TIME: 2 ¾ HOURS

2018

FORM THREE

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

INSTRUCTIONS:

1. The paper comprises of 2 sections A and B.

2. Attempt **all** question in section A.

3. In section B, answer question 6 and choose any other two questions.

4. Use separate answer sheets for section A and each question in section B.

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.

<u>SECTION A: 25 MARKS</u>
Answer all the questions

1. (a) Name two areas where gold is mined in Tanzania.   (2 mks)

(b) State three industrial use of copper as a mineral.   (3 mks)
(c) Name three methods of alluvial mining (placer mining).   (3 mks)

2. (a) A photograph is divided into 3 parts. Name them.   (3 mks)
    (b) State three limitations of using photographs.   (3 mks)

3. (a) List three main types of sampling.   (3 mks)
    (b) Name the methods that are used to analyse statistical data.   (3 mks)

4. Name two types of questionnaires.   (2 mks)

5. Outline three types of field work.   (3 mks)

SECTION B:
Answer question 6 and any other two questions from this section.
6. Use the table below to answer the questions that follow.
    (a) The table below shows the quantity of minerals produced in Kenya in tonnes in 2010 and 2011.

MINERALS/YEARS	2010	2011
Soda ash	290,000	350,000
Fluorspar	40,000	80,000
Salt	20,000	40,000
Others	10,000	20,000
TOTAL	360,000	490,000

(i) Draw proportional circles to present the information above.   (14 mks)

(ii) State two advantages of using proportional circles in data representation.   (2 mks)

(b) (i) Name any two fuel minerals.   (2 mks)

(ii) Name three major oil producers in the Middle East.   (3 mks)

(iii) State four contribution of oil to the economies of the Middle East countries.   (4 mks)

7. Study the map below showing the distribution of world's natural forests.

a) Name the t   ound in the regional marked X, Y and Z.   (3 mks)

b) State three characteristics of temperate hardwood forests.   (3 mks)

c) (i) Differentiate between afforestation and Re-afforestation.   (2 mks)

    (ii) Explain four measures the government has taken to realize effective management of the forests.   (8 mks)

    (iii) State five problems facing forests in Kenya.   (5 mks)

(d) Explain two importance of forest exploitation in Canada.   (4 mks)

8. (a) Name two major types of aerial photographs.   (2 mks)

    (b) To describe the major relief features in a photograph, some clues are used. Name four of them.
                                                                                    (4 mks)

    (c) Explain how each of the following features would be indentified in a photograph. (8 mks)
        (i) Settlement

        (ii) Planted trees

        (iii) Mining

        (iv) Manufacturing

    (d) (i) Name two methods of open cast mining.   (2 mks)

        (ii) Briefly explain the shaft method of underground mining.   (5 mks)

        (iii) Name the areas where the following minerals are mined in Kenya.   (4 mks)
            i.   Fluorspar –
            ii.   Diatomite –

iii. Gold –

iv. Titanium –

9. (a) What is field work? (2 mks)

(b) Name three types of fieldwork. (3 mks)

(c) You plan to carry out a field study of an open air market near your school.
(i) State four types of information you would collect during the field study. (4 mks)

(ii) List four methods you would use to collect the data. (4 mks)

(iii) Explain three ways in which the local authority would use your findings to improve the open air market. (6 mks)

(iv) State two hypothesis for the study. (2 mks)

(v) What are the advantages of learning geography through fieldwork. (4 mks)

10. (a) The table below represents Kenya's export crops 2009-2011 in '000 tonnes.

COMMODITY	2009	2010	2011
Coffee	230	200	190
Tea	210	240	320
Sisal	50	30	40

(a) (i) Using the table above, draw a comparative bar graph to present the data. (7 mks)

(ii) State two advantages of using comparative bar graphs to present data. (2 mks)

(iii) Name three other methods of data presentation that can be used to present the data above. (3 mks)

(b) Name two methods used in taking measurement as a way of collecting statistical data. (2 mks)

(c) Name three secondary sources of statistical data. (3 mks)

(d) Explain four factors you would consider when setting up questions in a questionnaires. (8 mks)