GOLDEN ELITE EXAMINTIONS 2020

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

312/ 2
GEOGRAPHY
Paper 2
2 ¾ HOURS

INSTRUCTIONS TO CANDIDATES

This paper consists of two sections **A&B**

Answer **ALL** questions in section **A**. In section **B** Answer **QUESTION 6** and **ANY OTHER TWO**questions from this section

This paper consists of 3 printed pages.

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

SECTION A
Answer ALL questions in this section.

1. (a) What is environment? **(2marks)**
    (b) Identify two effects of the following environmental hazards.
       (i) Earthquakes **(2marks)**
       (ii) Nuclear wastes **(2marks)**
2. (a) Name two species of hardwood forests grown in Kenya. **(2marks)**
    (b) State three factors that favour the development of softwood forest in Kenya. **(3marks)**
3. (a) Define mining. **(2marks)**
    (b) Describe two factors that have influenced exploitation of minerals. **(4marks)**
4. (a) Give two types of ground photographs. **(2marks)**
    (b) State two limitations of using photographs. **(2marks)**
5. (a) Name two exotic dairy cattle breeds reared in Kenya. **(2marks)**
    (b) State two physical factors which favour dairy farming in Denmark. **(2marks)**

SECTION B
Answer QUESTION 6 and any other TWO questions in this section.

6. The table below shows the vehicles moving past the D.C's gate on Monday between 8:30a.m to 8:30p.m.

Period	Isuzu	Leyland	Toyota	Nissan	Others	TOTAL
8:30 – 10: 30a.m	100	150	300	240	80	
2:30 – 4: 30p.m	40	60	70	20	80	
6:30 – 8: 30p.m	120	130	90	140	120	
TOTAL	**260**	**340**	**460**	**400**	**280**	

   (a) Find the grand total of vehicles moving past the gate on Monday. **(2marks)**
   (b) Draw a simple pie chart to show the type of vehicles moving past the gate on Monday (radius = 3cm)
      (8marks)
   (c) Outline the merits of using a simple pie chart to represent the above data. **(5marks)**
   (d) Apart from pie charts, give other five ways used to present statistical date. **(5marks)**
   (e) Identify five methods of collecting statistical data. **(5marks)**

7. (a) Name the main types of natural forests in the world. **(3marks)**
    (b) Explain the significance of forests and forest products in Kenya. **(10marks)**
    (c) What has Kenya government done to conserve and manage forest? **(5marks)**
    (d) (i) State 5 factors influencing the distribution of natural forests. **(5marks)**
        (ii) Define forest management. **(2marks)**

8. (a) Define a mineral. **(2marks)**
    (b) Explain the forms in which minerals occur. **(8marks)**
    (c) State five significance of minerals in Kenya. **(5marks)**
    (d) Students from Mtwapa High School went out for a field study in L. Magadi.

(i) Name 3 preparations they made before the study. **(3marks)**

(ii) Identify 2 problems they might have encountered during the study. **(2mark)**

(e) State 5 importance of studying geography through field work. **(5marks)**

9. (a) (i) State three social factors which influence agriculture . **(3marks)**

(ii) Name two types of maize grown in Kenya. **(2marks)**

(b) (i) Name two areas in Kenya where maize is commercially grown. **(2marks)**

(ii) Describe the stages involved in the industrial processing of maize. **(4marks)**

(c) Identify 4 problems facing maize farmers in Kenya. **(4marks)**

(d) (i) Explain ways through which the Kenya government assists small scale maize farmers. **(6marks)**

(ii) State 4 uses of maize. **(4marks)**

10. (a) (i) What is Natural vegetation. **(1mark)**

(ii) State two topographical factors influencing distribution of vegetation. **(2marks)**

(b) You are required to carry out a field study of vegetation around your school.

(i) State two objectives for your study. **(2marks)**

(ii) How would you record the findings in your study? **(4marks)**

(c) Draw a well labeled diagram to show vegetation zonation on a mountain slope. **(8marks)**

(d) (i) Highlight five adaptational features of tropical desert vegetation. **(5marks)**

(ii) Identify two economic importance of desert vegetation. **(4marks)**