**312/ 2**

**GEOGRAPHY**

**PAPER 2**

**2 ¾ HOURS**

**KENYA HIGH SCHOOL**

 **POST MOCK EXAMINATIONS**

**FORM 4**

**2021**

*Kenya Certificate of Secondary Education*

**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)**

1. (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)**

1. (a) Define mining. **(2marks)**

(b) Describe two factors that have influenced exploitation of minerals. **(4marks)**

1. (a) Give two types of ground photographs. **(2marks)**

(b) State two limitations of using photographs. **(2marks)**

1. (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.***

1. 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** |  |

1. Find the grand total of vehicles moving past the gate on Monday. **(2marks)**
2. Draw a simple pie chart to show the type of vehicles moving past the gate on Monday (radius = 3cm) **(8marks)**
3. Outline the merits of using a simple pie chart to represent the above data. **(5marks)**
4. Apart from pie charts, give other five ways used to present statistical date. **(5marks)**
5. Identify five methods of collecting statistical data. **(5marks)**
6. (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)**

1. (i) State 5 factors influencing the distribution of natural forests. **(5marks)**

(ii) Define forest management. **(2marks)**

1. (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.

1. Name 3 preparations they made before the study. **(3marks)**
2. Identify 2 problems they might have encountered during the study. **(2mark)**
3. State 5 importance of studying geography through field work. **(5marks)**
4. (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)**

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

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

1. (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.

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