**ELERAI M.C.K GIRLS SECONDARY SCHOOL**

**PO BOX 435**

**SULTAN HAMUD**

***Motto “discipline and hard work for excellence”***

***GEOGRAPHY FORM 4***

***OPENING CAT I TERM II 2013***

***TIME: 2 HRS***

**ATTEMPT ALL THE QUESTIONS**

1. What is energy? (2mks)

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1. Other than coal, name other three non- renewable source of energy (3mks)

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1. State 5 factors that may lead to energy crisis. (5mks)

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1. a) Explain the term industrialization (2mks)

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b) Name four types of coal. (4mks)

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1. Distinguish between the following terms. (3mks)
2. Factory

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1. Firm

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1. Plant

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b) Outline 5 factors that have lead to the decline in the case of coal as a source of energy. (5mks)

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c) State the advantages of using coal as a source of energy. (1mk)

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**SECTION B**

1. The table below shows exports and import of country X by value (value in K£ ) use it to answer A, B

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| --- | --- | --- | --- | --- |
| Commodity | 2000 | 2001 | 2002 | 2003 |
| Exports | 1119764 | 121434 | 131394 | 136709 |
| Import | 247804 | 290108 | 257710 | 281844 |

1. Using a vertical scale of 1cm representing 100,000K , draw a comparative line graph of the above data (8mks)
2. Calculate the total grand value for the exports (2mks)
3. Calculate the balance of the trade for country X in the year 2002. (2mks)

b) Explain 2 reasons why there was an increase in the value of exports of country X between 2001 – 2003. (3mks)

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c) State 3 advantages of comparative line graph (3mks)

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d) Explain 3 efforts carried out in Kenya to increase the value of export. (6mks)

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1. what is industry (2mks)

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b) Explain the difference between (3mks)

i) Primary industries

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ii) Secondary industries

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1. Tertiary industries

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c) Explain the meaning of cottage industries (2mks)

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d) Outline 4 products of cottage industries (4mks)

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e) Name two major centres where cottage industry is practiced in India (2mks)

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f) Outline 5 characteristics of cottage industry in India. (5mks)

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g) State 4 factors that influence the development of cottage industry in India. (4mks)

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h) What 3 benefit came from cottage industry? (3mks)

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1. a)Distinguish between Geothermal power and Hydro-electric power (H.E.P ) (2mks)

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b) State 3 disadvantages of using water as a source of power. (3mks)

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c) Draw an outline of the map of Kenya (1mk)

ii) On the outline indicate the following regions (4mks)

Turkwel Hydro power plant

Kindaruma hydro power plant

Kamburu hydro power plant

Masinga hydro power plant

d) State clearly 5 factors that influence the development of HEP (5mks)

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e) State clearly 5 problems that are faced by H.E.P projects (5mks)

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f) Students of Elerai girls intend to carry out a field study on the theme “source of energy in Elerai village Kajiado County”

i) State 2 preparations they read to do (2mks)

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ii) Outline 2 suitable data collection methods for the study (2mks)

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iii) State one problem they are likely to encounter in their study (1mks)

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