

NAME _____ INDEX NUMBER _____

SCHOOL _____ DATE _____

ENERGY

1. 1995 Q 3

a) Name four sources of electric power than water.

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b) List five factors that favour the location of hydro-electric power plant.

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c) Explain five ways in which Kenya has benefited from the development of Seven Forks

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d) Explain three problems that Kenya faces as a result of over dependence on petroleum.

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2. 1998 Q 2

(a) State three physical conditions necessary for the location of hydroelectric power dam

(b) Apart from production of hydro- electric power, name two other benefits of Kariba dam

3. 1999 Q 3

(a) (i) Apart from providing power state three other benefits of the dams along river Tana

(ii) State two problems that affect hydroelectric power production along river Tana

(b) State two factors that hinder the expansion of geothermal power production in Kenya

4. 2000 Q 5

(a) Name two renewable sources of energy which are exploited in Kenya

(b) Give two reasons why the coal resources in Tanzania have not been exploited

5. 2002 Q 8

a) (i) Name two non – renewable sources of energy.

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(ii) Explain four physical factors that influence the location of a hydroelectric power station.

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b) Apart from generating H.E.), give three other benefits that have resulted from the construction of Masinga Dam.

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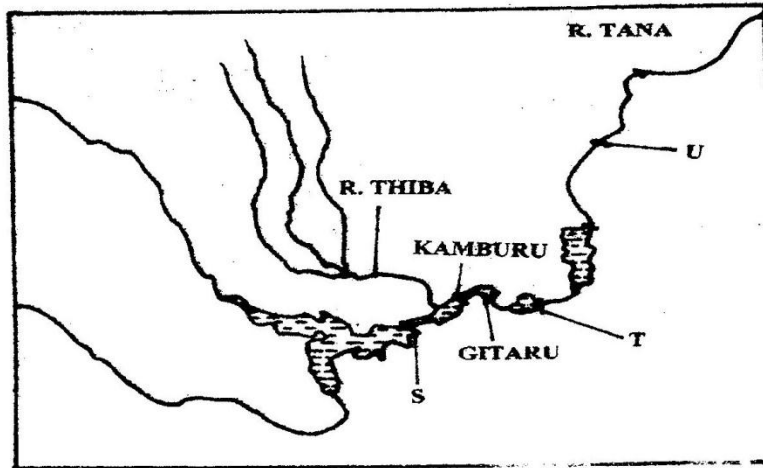
c) Explain three benefits that would result from rural electrification in Kenya.

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d) In what three ways did the power shortages resulting from the drought of the years 1999 and 2000 affect the industrial sector in Kenya.

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The Sketch map below shows Hydro- Electric Power (H.E.P) stations along the River Tana. Use it to answer questions (a) (i) and (ii)



Name _____

(i) The H.E.P station marked S and T (2 marks)

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(ii) The proposed H.E.P station marked U (1 mark)

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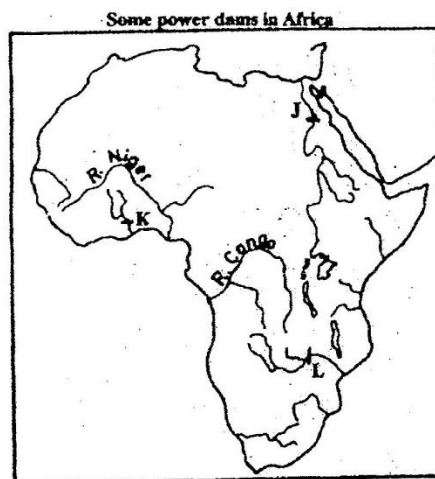
(b) Apart from water. Give two renewable sources of industries energy (2 marks)

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7. 2006 Q 9

Use the map of Africa below to answer question (a) (i)



(a) (i) Name the power dams marked J, K and L (3 marks)

(ii) Explain four ways in which Kenya has benefited from the development of the seven forks hydro- electric power scheme. (8 marks)

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(b) (i) Apart from oil, name two other non-renewable sources of energy (2 marks)

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(ii) Explain four effects that the increase in oil prices has had on the economies of the oil- importing countries of Africa. (8 marks)

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(c) State four ways in which Kenya reduce the use of petroleum as a source of energy (4 marks)

8. 2009 Q 3

(a) Outline three physical factors that favoured the development of the Seven Forks hydro- electric power scheme. (3 marks)

(b) State two problems facing hydro-electric power projects in Kenya. (2 marks)

9. 2010 Q 8a,b, d

a) i) Apart from uranium, give two other non renewable sources of energy. (2 marks)

ii) State two advantages of using uranium as a source of energy. (2 marks)

b) i) What is energy crisis? (2 marks)

ii) Explain three ways in which energy crisis affects the economy of Kenya (6 marks)

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d) Explain three physical factors that influence the establishment of hydro-electric power dams. (4 marks)

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10. 2012 Q3 P2

(a) Apart from the sun, name **three** other sources of electricity. (3 marks)

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(b) Give **three** advantages of using solar energy. (3 marks)

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