

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

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

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3. 1999 Q 3

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

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

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

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4. 2000 Q 5

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

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

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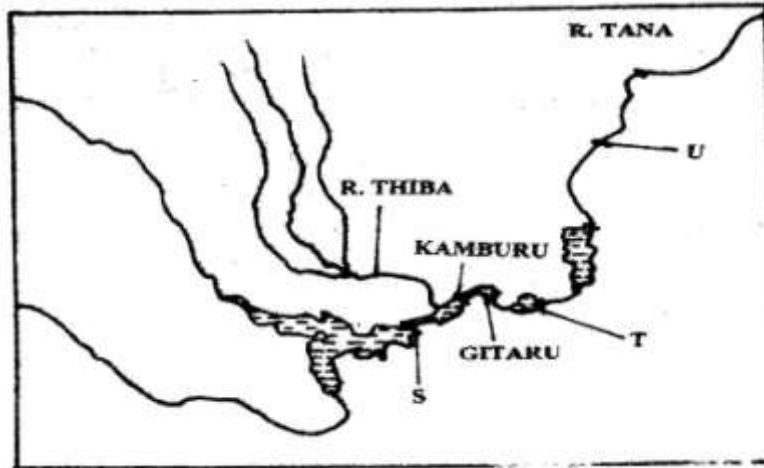
c) Explain three benefits that would result from rural electrification in Kenya.

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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)

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(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)

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8. 2009 Q 3

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

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

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9. 2010 Q 8a,b, d

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

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

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

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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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