



Underline the most suitable answer

1. Select the answer that contains sources of energy with minimum level of environmental pollution.
 - i. Hydro power, Solar energy
 - ii. Coal, Nuclear energy
 - iii. Geothermal energy, Biomass
 - iv. Natural gas, Petroleum

2. A renewable energy source is,
 - i. Fossil fuel
 - ii. Wind power
 - iii. Nuclear power
 - iv. Coal

3. An energy source that does not fall into biomass category is,
 - i. Dry cow dung
 - ii. Oil of castor seeds
 - iii. Geothermal energy
 - iv. Chaff

4. An incorrect statement about mineral oil is,
 - i. Mineral oil is a fossil fuel
 - ii. Metal tubes should be drilled inside the rocks to take mineral oil
 - iii. Mineral oil is trapped among the rocks in the earth's crust.
 - iv. Mineral oil is the energy which is contained inside the animals and plant materials.

5. A non-renewable energy sources is,
 - i. Geothermal energy
 - ii. Fossil fuel
 - iii. Biomass
 - iv. Solar power

6. This is not a use of solar cells
 - i. Steam turbine
 - ii. Calculators
 - iii. Street lamps
 - iv. Aeroplanes

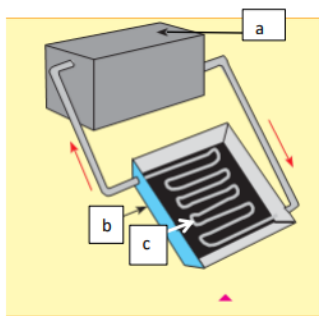
7. A radioactive atom which is used to produce nuclear energy is,
 - i. Magnesium
 - ii. Aluminium
 - iii. Uranium
 - iv. Iron
8. The correct statement about hydro power station is,
 - i. Electricity can be generated by using the energy of the flowing water
 - ii. Hydropower results environmental pollution
 - iii. Air currents in the hydropower stations help to produce electricity
 - iv. A hydropower station is located at Kelaniya
9. Chernobyl nuclear plant is located at
 - i. Japan
 - ii. Russia
 - iii. America
 - iv. India
10. NERD institute has introduced a,
 - i. Solar heater
 - ii. Solar cooker
 - iii. A cooker that needs pieces coconut shells
 - iv. Electric rice cooker



Part II

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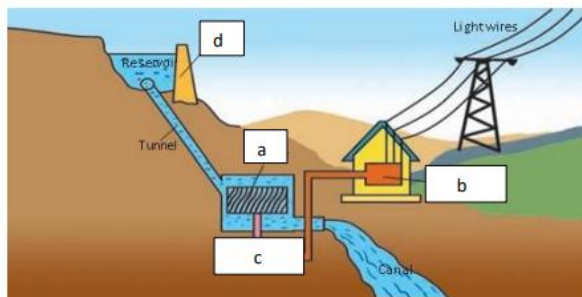
1. Write down an energy source that can be used for the following activities
 - a) Boiling water
 - b) Transportation
 - c) Drying clothes
2.
 - a) Name the two main categories of energy sources.
 - b) Define those two categories
 - c) Name the parts in the following solar heater



a)
b)
c)

- 3)
1. Write down an activity that you can do to find the effect of the size of the solar heat cooker on its function
 2. State 02 advantages and 02 disadvantages of solar power.
 3. State 2 instances where ancient people used wind power.

- 4).
1. Name the parts of following hydropower station



- a
- b
- c
- d

2. State 02 advantages and 02 disadvantages of coal.
3. Write two advantages and disadvantages of nuclear power
4. Write 4 strategies that can be taken for sustainable usage of energy sources