

Sources of Energy



TRY YOURSELF

ANSWERS

1. (i) Renewable sources of energy
(ii) Non-renewable sources of energy.
 2. (c) : Fossil fuels
 3. An installation where heat energy obtained by the combustion of fossil fuels is used to generate electricity.
 4. Anaerobic bacteria is the agent which decomposes animal dung into bio-gas.
 5. It converts the kinetic energy of the wind into mechanical or electrical energy.
 6. Solar cell is a device which converts solar energy into electricity.
 7. (i) tidal energy (ii) wave energy (iii) ocean thermal energy.
 8. (i) Silicon (ii) Silver
 9. Heat from earth's interior can be used as an energy source, known as geothermal energy.
 10. The average energy of a neutron produced in fission of ${}_{92}^{235}\text{U}$ is 2 MeV. Such neutrons are called fast neutrons.
 11. Nuclear fission
 12. (i) Coal (ii) Petrol
 13. (d) : CNG
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