

INTERNATIONAL INDIAN SCHOOL RIYADH

STD: X

WORKSHEET 2017-2018

PHYSICS

Chapter:14 Sources of Energy.

1. Write one limitation each for the extracting of energy from (a)wind (b)tides
2. List any four characteristics of biogas on account of which it is considered an ideal fuel.
3. Firewood is our conventional fuel. List any four reasons for replacing it by the alternate sources of energy.
4. What is a solar cell panel? Write two advantages associated with such panels.
5. Distinguish between renewable and non-renewable sources of energy.
6. Draw a schematic diagram of a biogas plant. What use is made of the slurry left behind in biogas plant?
7. With the help of a diagram, describe the working of a solar cooker. What are the advantages and disadvantages of using a solar cooker?
8. What is geothermal energy? Give two advantages of it.
9. Write any two disadvantages of fossil fuels? Why are we looking at alternate sources of energy?
10. Write any two advantages and limitations of hydro power plant.
11. What are hot spots? What is geothermal energy? Write any two disadvantages.
12. What are the advantages of nuclear energy?