

BRAIN INTERNATIONAL SCHOOL

SUBJECT: PHYSICS

CLASS: 10

MONTH: JULY'18

Ch: SOURCES OF ENERGY

- 1) State any four characteristics of a good source of energy.
- 2) List two advantages of solar energy. Give two examples where solar cells are used as main source of energy.
- 3) What is nuclear source of energy? How is nuclear energy generated? List three main hazards of nuclear power generation.
- 4) What is geothermal energy? How is it harnessed? What are the limitations of geothermal energy?
- 5) What is biogas and what are its constituents. Explain the production of biogas and manure.
- 6) Mention any two measures that you would like to take to conserve electricity in your house.
- 7) With the help of diagram, state the construction and working of a box type Solar cooker.
- 8) What are fossil fuels? What are renewable and non renewable source of energy.
- 9) Write the characteristics of a good fuel.
- 10) Name the reaction which is main cause of release of energy by the sun.