

General Science - 10th Class General Science English Medium Chapter 7 Short Questions Test

Q1. Define Bio mass.

Ans 1: Organic materials and their residues.

Q2. State the law of conservation of energy.

Ans 1: The law of conservation of energy states that " Energy can neither be created nor destroyed."

Q3. What is the unit of electrical energy.

Ans 1: kWh. The electricity meters measures electricity in this unit.

Ans 2: "One kilowatt-hour is the amount of energy that is consumed by a 1000 w appliance in one hour."

Q4. Write down the names of three conventional methods and five non conventional methods of producing electricity.

Ans 1: Conventional Methods:

- 1- Hydroelectric power
- 2- Thermal power
- 3- Nuclear power.

Ans 2: Non Conventional Methods:

- 1- Solar power
- 2- Wind power
- 3- Tidal power
- 4- Geothermal power
- 5- Electricity production from biomass and solid wastes

Q5. Define Light energy.

Ans 1: Energy due to which we see things.

Q6. What is the law of conservation of energy.

Ans 1: "Energy can neither be created nor be destroyed but it can be transformed from one form to another form of energy.

Ans 2: Total energy of an isolated system always remains constant, although it is transformed from one form to the other. When we say that energy is consumed, we actually mean that it is changed from one form to the other or it is transformed to heat.

Q7. Define British thermal unit.

Ans 1: These days gas bills are being charged on the basis of Btu instead of cubic meters. The Btu is the unit of energy called British Thermal Unit.

Ans 2: Unit: One Btu is equal to 1055 joules.

Q8. Define Hydro electric power.

Ans 1: "The conversion of kinetic energy of running water to electrical energy is known as hydroelectric power."

Q9. What is meant by degradation of environment.

Ans 1: "When pollution more than a certain limit is added to the environment, it is known as degradation of the environment."

Ans 2: In such an environment not only the health of living bodies is damaged but also plants are affected. Harmful gases cause enhancement of eye, nose, ear and throat diseases.

Q10. Define hydroelectric power.

Ans 1: The conversion of the kinetic energy of running water to electrical energy is known as hydroelectric power.
