

Choose the correct answer

1. Energy is _____

- a) a measurement of particles movement
- b) the capacity to cause change or do work.
- c) the capacity of having particles.

1. Which type of energy is stored in the bonds of molecules and released during a reaction?

- a) Gravitational energy
- b) Chemical energy
- c) Sound energy

2. Which type of energy is produced by vibrating objects and travels in waves?

- a) Sound energy
- b) Thermal energy
- c) Electrical energy

3. Which form of energy is associated with the movement of charged particles?

- a) Nuclear energy
- b) Electrical energy
- c) Gravitational energy

4. Which type of energy is released when an atomic nucleus splits or fuses?

- a) Chemical energy
- b) Nuclear energy
- c) Thermal energy

5. Which form of energy is related to an object's height and position relative to the ground?

- a) Gravitational energy
- b) Sound energy
- c) Electrical energy

6. Which type of energy increases with temperature due to the movement of particles?

- a) Chemical energy
- b) Thermal energy
- c) Nuclear energy

