

**Assignment**  
**Std - 5**  
**Subject : Science**  
**Ch: 9 Work and Energy**

to be contd.....

**Q4. What is energy ? Name different forms of energy.**

**Ans.**Energy is defined as the capacity to do work. The different forms of energy are mechanical energy , heat energy , light energy , sound energy , electrical energy etc.

**Q5. What is mechanical energy ?**

**Ans.** The energy possessed by a body in a state of rest or motion is called mechanical energy.

**Q6. What is kinetic energy and potential energy ? give examples.**

**Ans.**The energy possessed by a body by the virtue of its motion is called kinetic energy. e.g strong blowing winds ,flowing water, A bullet fired from a gun.

The energy possessed by a body due to its position for change in shape is

called potential energy. e.g a stretched rubber band , a stretched bow water in a dam .

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