

Home assignment

4) What are the two kinds of mechanical energy?

Ans) The two types of mechanical energy are

- Kinetic energy
- Potential energy.

5) What is potential energy? state its unit.

Ans) Potential is a ~~energy~~ stored energy that depends upon the relative position of various parts of a system.
Its unit is joule.

7) State two factors on which the potential energy at a certain height depends.

Ans) The two factors are a) the mass of the body
b) Its height above the ground

8) Two bodies A and B of masses 10 kg and 20 kg respectively are at the same height above the ground. Which of these have greater potential energy?

Ans) Body B has greater potential energy because the greater the mass of the body, the greater the potential energy.