

Homework

4.

Ans.

What are two kinds of mechanical energy?
Potential energy and kinetic energy.

5.

Ans.

What is potential energy? State its unit.

An energy possessed by a body due to its state of rest or position. Its unit is joule.

7.

Ans.

State two factors on which the potential energy of a body at the certain height above the ground depends.

Two factors are - The mass of the body
- Its height above the ground.

8.

Ans.

Two bodies A and B of masses 10 kg and 20 kg respectively are at the same height above the ground. Which one of the two has greater potential energy.

Body B will have more potential energy.