

CW
10/7/21

Energy

Question/Answers :-

4q- What are the two kinds of energy mechanical energy?

ans- The two kinds of mechanical energy are potential energy & kinetic energy.

5q- What is potential energy? State its unit.

ans- The energy possessed by a body by its state of rest or position. It is also written as P.E., the unit of potential energy is joules.

8q- Two bodies A & B of masses 10 kg & 20 kg respectively are at the same height above the ground. Which of the two have greater potential energy?

ans- The body B having mass 20 kg has the greater potential energy. This

can be explain by:-

$$P.E. = mgh$$

For both sides the bodies gravity and height are the same so the body with ~~great mass~~ greater mass possesses greater potential energy.