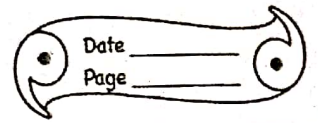


Home assignment



1) Define the term energy.

ans) Energy is the ability to do work.

2) State the unit of energy and define it.

ans) The unit of energy is joule.

1 joule is equal to $1 \text{ N} \times 1 \text{ m}$
1 joule of work is said to be done when a force of 1N moves a body by a distance of 1m in the direction of force.