

Ch-10

# Force, work and Energy

## WORKSHEET

A Fill in the blanks:

① A push that makes a body move or stop pull is called as force

2- When force is applied on a object to make it move through a distance is known as work.

3- Machine is a tool that makes work easy.

4- The energy that we get from the sun is solar energy.

(B0) When a moving body slows or stops on its own.

A- Frictional.

2- A force which is used to move a catapult.

A- Elastic force.

3- A simple slope over which a load can be pushed up or down.

A- simple machine.

4- Energy which comes from

splitting of an atom.

A- Atomic energy.

5- Energy which we get from sun and wind.

### A- sources of energy.

1- Elastic force is used to move a catapult.

2- pulley is made from a wheel and a rope.

3- A bicycle pedal is an example of wheel and axle.

4- A screw is a machine which looks like a nail with grooves cut into it.

5- In loudspeaker sound

energy is changed into electrical energy.

6- Energy is a force power to do work.

D- Label these simple machines

- given below.

a- steering wheel.

b- slide.

c- scissors.

d- screwdriver.