1. Define force.

Ans-Force is a push or a pull that a changes or tends to change the state of rest or uniform motion of an object or changes the direction or shape of an object. It causes objects to accelerate.

2. Give an example of force as push and pull.

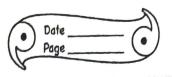
Ans- Push o To open a door we push it.
Pull : To part move a cart, it is pulled
by a bull.

3. Explain force as stretch with the help of an example.

Ans- Elastic materials, and objects such as springs change shape when a force is extented on them.

Ex-When a rubber string is stretched, its length increases.

4. Describe the different effects of force with appropriate examples.



An- DA force can move a body originally at rest. Ex - A grass roller when pulled begins to move.

DA force can stop a moving body. Ex- A car is stopped by applying the brakes.

3) A force can make a moving body to move faster. Ex- The speed of a Cycle increases when more force is applied on the Pedal.

DA force can slow down a moving body. Ex- The Speed of a vechicle Vehicle is Slowed down by applying brakes.

S) A force can change the direction of motion of a moving body. Ex - A player kicks a moving ball to change its direction of motion

6) A force can change the shape or Size of a body. Ex- when a rubber band is stretched it increases its length.