

Q. Explain the classification of force on the basis of its application.

Ans. The classification of force on the basis of its application are:

A. Force as Push:

For example - To open a door we push it.

B. Force as pull:

For example - To move a cart, it is pulled by a ~~bull~~ bull.

C. Force as a stretch:

For example - On ~~stretching~~ stretching



a spring, it elongates. ~~is~~

D. Force as squeeze ÷

For example - If an inflated balloon is squeezed, its shape changes.



Q. What do you mean by contact forces?

Ans: The force which acts on ~~an~~ ~~object~~ ~~by~~ ~~making~~ ~~an~~ ~~actual~~ ~~contact~~, is called contact force.

Q. List the types of non contact forces.



Ans: Here is the ~~the~~ non-contact forces:

- Gravitational force
- Electrostatic force
- Magnetic force

Q. Explain electrostatic force. ○

Ans: ~~the~~ Electrostatic force is the force that exists either between the two charged bodies, or between a charged and an uncharged body. For example, a charged scale attracts the pieces of paper by a non-contact force known as electrostatic force.