

VERY SHORT ANSWER TYPE QUESTION

(Force and Laws of motion)

1. Why it is difficult for a fireman to hold a hose ,which eject large amount of water at high velocity ?
2. Even if Action and Reaction are equal and opposite , why they do not cancel each other ?
3. Suggest two ways to reduce friction
4. What is momentum? give S. I Unit
5. What is the principle applied to remove the dust from carpet ?
6. How much acceleration is produced by a 10 N force on a 5 Kg mass ?
7. How many minimum forces are needed to keep a body under equilibrium ?
8. Define the S. I unit of force Newton
9. What is the reaction between a man and a lift if the lift is falling freely ?
10. Which one has more inertia .a rubber ball or a shot put of same size ?
11. Define recoil velocity of a Gun
12. State Newton's first law of motion
13. Is any force is required to keep the body in a circular path? If yes Name the force
14. Name the property that retains the status of motion
15. What do you meant by impulse ?
16. A balloon filled with Helium does not rise after rising to a certain height. Why ?