

FORCE AND PRESSURE (viii)

1. What is force? What do you understand by net force?
2. State the effect of force?
3. What do you understand by state of motion?
4. List main types of forces acting on a body?
5. What are contact forces? Give example.
6. What are non-contact forces? Give example.
7. What is the direction of frictional force?
8. What do you understand by gravitation force?
9. Why do we weigh less on moon? Give reason.
10. What is magnetism? What is like and unlike poles?
11. What is electrostatic?
12. Name the factors affecting the force produced on an object.
13. What is the relation between force and area of contact?
14. What is the unit of pressure?
15. How do we measure liquid pressure?
16. What is atmospheric pressure?
17. How do a rubber suckers work?
18. How do you conclude that air exerts pressure in direction.
19. How does the pressure exerted by a liquid vary with
 - a) Direction b) Depth
20. What would happen when we go to higher altitude?
21. What is the difference between weight and mass?
22. What is pressure? What does pressure depend on?
23. Why are caterpillar tracks used in battle tanks instead of tyres?
24. Why is it difficult to cut vegetable with a blunt knife?
25. Why can a magnet act from a distance?