

Name:
Class: VIIISubject :Physics
Date :

1. Why is a sharp knife more effective in cutting a fruit than a blunt knife?
2. What is the relationship between the Newton and Kilogram force?
3. Why do we generally sprinkle a little talcum powder on the carom board?
4. Does friction always oppose the motion?
5. Why are the bodies of boats, ships, airplanes made streamlined?
6. Name the barometer that uses no liquid in it.
7. Name an electronic device that starts emitting light even when very weak electric current flows through it.
8. In what ratio H_2 and O_2 is combined in water by mass and by volume?
9. Most bathroom fittings and car/cycle parts are chromium plated. Why are not these parts made from chromium itself?
10. Draw a diagram to illustrate the process of electroplating.
11. At what angle the mirrors are inclined to each other in a kaleidoscope?
12. Which of the seven colors deviates-
(a) the least (b) the most, when a ray of white light travels through a prism?
13. Which kind of lens is used to correct long-sightedness?
14. Sketch larynx and explain its function?
15. Name the characteristic of sound that is described in Decibel unit.
16. One whale says something to its friend 75 Km away. How long will it be before the friend can hear it? The speed of sound in water is 1500 m/s.
17. Why we can easily hear the sound of an approaching train by putting our ear on the track well before we could hear its sound in air?
18. Draw a labeled diagram of Human Ear.