

30/11/21

GRAVITATION

Q1. Why is it difficult to hold a school bag having a strap made of a thin and strong string?

Ans.) It is difficult to hold a school bag having a thin strap because the pressure on the shoulders is quite large.

Q2. What do you mean by buoyancy?

Ans.) The tendency of a body to float or to rise when submerged in a fluid resting on objects' buoyancy.

Q3. Why does an object float or sink when placed on the surface of water?

Ans.) An object float or sink when placed on the surface of the water because, ~~an~~ An object sink in water if its density is greater than that of water.

Q4. The weighing machine measure this apparent weight and hence the mass indicated by less than the actual mass.