

# HOT QUESTIONS

**CLASS – VIII**

*CHAPTER: FRICTION*

Mayank and Nisha have to push a lighter box and a heavier box on the floor respectively. Who do you think will have to apply a larger force and why?



Can you prove with the help of an example that friction is both a friend and an enemy?



Objects that move through fluids are given special shapes. How is the shape of an object related with friction?



Can you explain, why sliding friction is less than static friction?



sliding friction



rolling friction

You might have noticed that when a few drops of oil are poured on the hinges of a door, the door moves smoothly. A bicycle or a motor mechanic often put grease on the moving parts of these machines. Do you know why?



We find it convenient to pull a heavy luggage, fitted with wheels or rollers. Can you tell, why?



Pritual asked his mother that what is the need of a Teflon coating on frying pans. Can you guess the reason?



Teflon coated

Place a rubber pad, a coin and an ice cube on a glass top inclined plane. Allow them to move freely down the inclined plane. Pen down your observation and conclusion.

