

FRICTION

1. We slip down on soapy surface because
 - A) Friction is more on that surface.
 - B) Soap water does not affect the friction force of the surface.
 - C) Soapy surface decreases the friction
 - D) Friction does not depend on the surface.
6. The correct sentences among the following are
 - a) Normal force doesn't affect the frictional force.
 - b) Area of contact doesn't affect the frictional force.
 - c) Normal force affects the frictional force.
 - d) Area of contact affects the frictional force.
 - A) a and d
 - B) a and b
 - C) b and c
 - D) c and d
3. Friction []
 - A) Opposes the relative motion of the surfaces
 - B) Increases the relative motion of the surfaces
 - C) Stops the motion of two surfaces
 - D) Moves the two surfaces away from each other
4. i) Friction produces heat when two surfaces moving relatively in opposite direction
ii) Friction produces heat when two surfaces moving relatively in same direction
 - A) (i) is correct
 - B) (ii) is correct
 - C) both (i) and (ii) are correct
 - D) both (i) and (ii) are wrong
6. This has the least friction. ()
 - A) Rough surface
 - B) Sandy soil
 - C) Wet floor
 - D) Sloping floor
2. Why is the shape of aeroplane designed like that?
3. Does the fluid friction affected by any factors? What are they?
4. What happens if the front part of an aeroplane has a shape like a bus?
5. What do you mean by fluid friction?