

Shri Abhay Nobles Sr Sec School, Takhatgarh

Class 8. Subject- Science

Q 1. Friction is a

- (a) non-contact force (b) contact force (c) magnetic force (d) electrostatic force

Q 2. Which of the following produces least friction?

- (a) Sliding friction (b) Rolling friction. (c) Composite friction (d) Static friction

Q 3. Friction always

- (a) opposes the motion (b) helps the motion. (c) both (a) and (b) (d) none of these

Q 4. Friction can be reduced by using

- (a) oil. (b) grease. (c) powder. (d) all of these

Q 5. The shape of an aeroplane is like a

- (a) dog. (b) bird. (c) car (d) all of these

Q 6. Friction is

- (a) foe. (b) friend (c) both (a) and (b)

(d) none of these

Q7. Friction due to fluids is called

- (a) force (b) pressure (c) friction. (d) drag

Q8. Lubricant

- (a) reduce friction. (b) increase friction

(c) both (a) and (b). (d) none of these

Q 9. surface has

- (a) less friction. (b) more friction

(c) sometimes less and sometimes more. (d) all of these

Q 10. It is difficult to walk on an oily floor because

- (a) Floor gets spoiled. (b) There is more resistance

(c) Force of friction is high. (d) Force of friction is very less

Q 11. Spring balance is a device used for measuring the \_\_\_\_\_ acting on an object.

- (a) mass (b) pressure (c) force (d) None of the above

Q12. Sliding friction is \_\_\_\_\_ than / to rolling friction

(a) smaller (b) greater (c) equal (d) None of the above

Q 13. children were asked to arrange forces due to rolling, static and sliding frictions in an increasing order. Their arrangements are given below. Choose the correct arrangement.

(a) Rolling, Static, Sliding. (b) Static, Rolling, Sliding

(c) Rolling, sliding, static (d) Sliding, Static, Rolling

Q 14. boat or an aeroplane has a pointed or tapering front / head. Why?

(a) To increase the friction of fluid

(b) To reduce the friction of fluid

(c) To look good

(d) For no reason

Q 15. To sharpen the blade of a knife by rubbing it against a surface, which of the following will be most suitable?

(a) Stone (b) Plastic block. (c) Wooden block (d) Glass block