Class 6 Science Worksheet

Friction

1. Choose the correct option: Frictional force depends on \_\_\_\_\_\_\_\_\_.

A) roughness of surface C) Both 1 and 2

B) mass of the body D) None of these

2. State True or False: Friction opposes relative motion between the surfaces of the book and the table.

A) true

B) false

3. State True or False: Smooth surface has more irregularities than rough surface.

A) true

B) false

4. Fill in the blanks: Sliding friction is greater than \_\_\_\_\_\_\_\_\_ friction.

5. What is the direction of force of friction acting on a body?

A) Same as direction of the body C) Opposite to the direction of the body

B) Perpendicular to the direction of the body D) Parallel to the direction of the body

6. Fill in the blanks: Both gases and liquids are called \_\_\_\_\_\_\_\_\_\_.

7. State True or False: Force of friction comes into play, when a rain drop rolls down a glass window

pane.

A) true

B) false

8. Fill in the blanks: Heat is produced because of \_\_\_\_\_\_\_\_ 9. Which of the following friction has the highest magnitude ?

A) Static friction C) Sliding friction

B) Rolling friction D) All have same magnitude

10. Fill in the blanks: Sprinkling of powder on carrom board \_\_\_\_\_\_\_ friction.

11. Least amount of friction is required in which of the following sports?

A) Cricket C) Hockey

B) Foootball D) Ice skating

12. State True or False: We can write on paper because of friction.

A) true

B) false

13. Fill in the blanks: Friction can never be completely \_\_\_\_\_\_\_\_\_\_\_\_.

14. State True or False: It is easier to push than pull.

A) true

B) false

15. Choose the correct option: Friction, that exists between two surfaces in contact, when there is no

relative motion between them, is called \_\_\_\_\_\_\_\_\_.

A) Static friction C) Sliding friction

B) Rolling friction D) None of these

16. Why do athletes use shoes with spikes? 17. Choose the correct option: A body will move only when frictional force is \_\_\_\_\_\_\_\_\_\_.

A) is less than applied force C) Is equal to applied force

B) is greater than applied force D) None of these

18. State True or False: Fricition increases the efficiency of the machines.

A) true

B) false

19. Choose the correct option: When an object moves through a liquid, it experiences \_\_\_\_\_\_\_\_\_\_\_.

A) Static friction C) Sliding friction

B) Rolling friction D) Fluid friction

20. Choose the incorrect statement.

A) Friction slows down the thing C) Friction can stop moving objects

B) Friction produces heat D) Friction is not useful