



RAMAGYA SCHOOL, NOIDA
VIII/SCIENCE/2017-18
OLYMPIAD PRACTICE WORKSHEET

1. Mushroom belongs to.....
 - a. Algae
 - b. Virus
 - c. Fungi
 - d. None of the above

2. Microorganisms are
 - a. Unicellular
 - b. Multicellular
 - c. Both a and b
 - d. None of these

3. Pathogenic microorganism present in host cell are killed by medicine called.....
 - a. Pain killer
 - b. Antibodies
 - c. Antibiotics
 - d. Vaccines

4. The gas released during the preparation of bread is
 - a. Oxygen
 - b. Carbon dioxide
 - c. Nitrogen
 - d. Sulphur dioxide

5. A most common carrier of communicable disease is
 - a. Ant
 - b. Housefly
 - c. Dragonfly
 - d. Spider

6. In order to produce a change in motion a force must be
 - a. Frictional force
 - b. Gravitational force
 - c. Balanced force
 - d. Unbalanced force

7. The ratio of the limiting force of friction (F) to the normal reaction (R) is known as

- a. Coefficient of friction
- b. Force of friction
- c. Angle of friction
- d. None of these

8. When two surfaces are in contact having a thick layer of lubricant in between them, it is known as.....

- a. Solid friction
- b. Rolling friction
- c. Greasy friction
- d. Film friction

9. The force of friction is maximum when the surface

- a. is on the point of motion
- b. is at rest
- c. is moving
- d. friction remains the same at all points

10. There will be great distance in stopping a vehicle which is moving

- a. Slowly
- b. Steady
- c. Fast
- d. Continuously

11. A 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

12. On which of the following a toy car will travel farthest.....

- a. Wet marble floor
- b. Dry marble floor
- c. Newspaper
- d. Carpet

13. The metal reacting readily with cold water is.....

- a. Au
- b. Ag
- c. Na
- d. Mg

14. Which one of the following is non-metal

- a. Zn
- b. Al
- c. N
- d. Fe

15. The solution of ash of magnesium ribbon is

- a. Acidic
- b. Basic
- c. Neutral
- d. All of these

16. Which oxide of the metals gets reduced only by coke and not by H₂ or CO gas?

- a. Fe₂O₃
- b. PbO
- c. ZnO
- d. CuO

17. When sulphur dioxide is dissolved in water then

- a. Sulphur is formed
- b. Sulphur trioxide is formed
- c. Sulphur acid is formed
- d. Sulphurous acid is formed

18. Which of the following did not react with acid?

- a. Cu
- b. Ni
- c. Cr
- d. O

19. Which of the following can be beaten into thin sheets?

- a. Phosphorus
- b. Zinc
- c. Sulphur
- d. Oxygen

20. Non-metals are used in.....

- a. Aeroplanes
- b. Making machinery
- c. Water boilers
- d. Fertilisers