



RAMAGYA SCHOOL, NOIDA

**VIII/SCIENCE/2018-19
OLYMPIAD PRACTICE WORKSHEET**

1. Agriculture chemicals are those which
 - a. Enhance crop yield
 - b. Protect crops
 - c. Regulate growth
 - d. All of these

2. Which of the following is not a cereal
 - a. Wheat
 - b. Rice
 - c. Gram
 - d. Maize

3. Amoebic dysentery is caused by
 - a. Cyanobacteria
 - b. Penicillium
 - c. Entamoeba
 - d. Trypanosoma

4. Which of the following microorganisms are autotrophs
 - a. Chlamydomonas
 - b. Plasmodium
 - c. Mushroom
 - d. Bacteriophage

5. Which gas is produced by reaction of metals with acid
 - a. oxygen
 - b. hydrogen
 - c. carbon dioxide
 - d. nitrogen

6. Which of the following will help the most in conservation of wildlife
 - a. making stringent laws
 - b. making numerous zoos
 - c. both (a) and (b)
 - d. none of these

7. Which of the following is an example of a contact force
 - a. magnetic force
 - b. frictional force

- c. gravitational force
- d. electrostatic force

8. Which type of friction does a shark swimming in the ocean illustrate

- a. sliding friction
- b. rolling friction
- c. water friction
- d. air friction

9. A gas which is not a greenhouse gas is

- a. methane
- b. nitrogen
- c. carbon dioxide
- d. sulphur dioxide

10. Which of the following is a parasitic protozoan

- a. Paramecium
- b. Trypanosoma
- c. Euglena
- d. Amoeba

11. What are the most plastics made from

- a. Natural gas
- b. Crude Oil
- c. Wood
- d. None of these

12. A non-metal that has lustre is

- a. coal
- b. Sulphur
- c. Iodine
- d. Bromine

13. A metal that reacts vigorously with oxygen is

- a. Copper
- b. Silver
- c. Gold
- d. Sodium

14. The first national park of India is:

- a. Gir national park
- b. Jim Corbett national park
- c. Kanha national park
- d. Kaziranga national park

15. Which of the following will help the most in conservation of wildlife

- a. Making stringent laws
- b. Making numerous zoos
- c. Both a and b
- d. None of these

16. Which force explains the attraction between all objects

- a. Gravitational force
- b. Magnetic force
- c. Electrostatic force
- d. Frictional force

17. Machine oil is put between moving parts of a machine to

- a. Changes the friction from static to sliding
- b. Increase the friction
- c. Reduce the friction
- d. Change the friction from sliding to static

18. Sound is a type of

- a. Energy
- b. Force
- c. Charge
- d. Matter

19. Voice of which of the following is likely to have minimum frequency

- a. A woman
- b. A man
- c. A baby boy
- d. A baby girl

20. Does liquid pressure increase or decrease with depth?

- a. It increases with depth
- b. It decreases with depth
- c. It increases sometimes
- d. It remains same