



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

1. The Crops which are grown in rainy season are called
a. Rabi crop b. Seasonal crop c. Monsoon crop d. Kharif crop
2. Rabi Crops are grown in _____ season
a. Summer b. Spring c. Winter d. rainy
3. Now a days seed is sown in the field using
a. Seed Tractor b. Seed drill
b. Seed Tiller d. Seed Plough
4. Which of the following description is true for describing 'fertiliser'
a. Used in large quantity c. Organic in nature
b. Does not cause pollution d. Produced in factories
5. Rhizobium (a Bacteria) which fixes atmospheric nitrogen are found in nodules growing in
a. Roots of leguminous plants b. Leaves of leguminous plants
c. Stem of Leguminous plants d. All of the above.
6. Before sowing the seeds, it is necessary to break soil to the size of grains to get better yield. The main tools used for such are
a. Tractor, Hoe, Seed drill c. Bullock, tiller, tractor
b. Plough, Hoe, Cultivator d. Plough, Seed Drill, Tractor
7. Growing different crops alternately on the same land is technically called
a. Crop Alternation c. Crop Rotation
b. Crop Revolution d. Crop Change
8. Moat, Dhekli and Rahat are different
a. Traditional methods of cultivation
b. Traditional methods of Weeding
c. Traditional methods of Seed sowing
d. Traditional methods of irrigation
9. In the harvested crop the grain seed is separated from the chaff. This process is called ____
a. Threshing b. Seeding c. Ploughing d. Weeding
10. The farm appliance 'Combine' is a combined
a. Plough and Harvester b. Seed drill cum Thresher
c. Harvester and Thresher d. Harvester cum Sprayer

11. The standard atmospheric pressure at sea level is -
 - a. $10 \times 10^{-12} \text{ N/m}^2$
 - b. 10^{12} N/m^2
 - c. $1 \times 10^{23} \text{ N/m}^2$
 - d. 10^5 N/m^2
12. The effects of force are:
 - a. Motion of an object
 - b. Change in the magnitude of velocity of an object
 - c. Change in direction of motion
 - d. All of these
13. Which among the following are the types of forces-
 - a. Magnetic force
 - b. Nuclear force
 - c. Gravitational force
 - d. All of these
14. Friction forces act
 - a. In the direction of force applied
 - b. In the direction of the motion
 - c. In the direction opposite to the direction of motion
 - d. None of these
15. The effect of frictional force may be minimized by
 - a. Using a smooth object
 - b. Providing a lubricant at the surface of contact
 - c. Using a smooth plane
 - d. All of these
16. Negative value of force implies that
 - a. Force is exerted on some other object
 - b. Force is in the direction opposite to that of the motion
 - c. Force is in the same direction to that of the motion
 - d. Gravitational force is acting on the object
17. S.I. Unit of force is
 - a. Newton
 - b. Dyne
 - c. Kg-wt
 - d. Kg
18. Gravitational force acts between
 - a. Sun and Planet
 - b. All the bodies in the universe
 - c. Earth and Bodies
 - d. Sun and Earth
19. The first fully man made fiber was:
 - a. Polyester
 - b. Acrylic
 - c. Rayon.
 - d. Nylon.
20. Rayon is obtained by chemical treatment of
 - a. Paper
 - b. Wood pulp
 - c. Fruit pulp
 - d. Any of these