

DELHI PUBLIC SCHOOL, JAMMU
REVISION SHEET FOR CYCLE TEST-1
SESSION (2018-2019)

CLASS –VIII

SUBJECT – SCIENCE

SYLLABUS – 1 LESSON-1 CROP PRODUCTION AND MANAGEMENT

2 LESSON-2 MICRO-ORGANISMS : FRIEND AND FOE

3 LESSON-4 METALS AND NON-METALS

4 LESSON-11 FORCE AND PRESSURE

Very Short Answer Type Questions

1. Which microorganism is regarded as a link between living and non-living?
2. Name the scientist who invented the process of pasteurisation.
3. A force of 100 N is applied to an object of area 2m^2 . Calculate the pressure.
4. What is meant by fermentation?
5. Name any fungal disease of wheat.
6. Elements which possess both the properties of metal and non-metal are called?
7. What is hybridization?
8. Name the process of conversion of proteins into ammonia.
9. Name the metal used for coating iron during galvanization.
10. Name one non metal used for making fertilizers.
11. Mention the name of any two antibiotics.
12. A force acts on a area of 600 cm^2 and produces a pressure of 12500 pa. Calculate the magnitude of force.

Short Answer Type Questions-I

13. How vaccination can help in preventing diseases?
14. What are the effects of forces?
15. Why is it difficult to cut vegetables with a blunt knife?
16. Some fruits such as grapes are not peeled before eating. You are advised to be extra careful in cleaning such fruits. Why?
17. Use of a seed drill is preferred over broadcasting”. Justify this statement giving advantages.
18. What are weeds? How do they affect crop production?
19. What are antibiotics? What precautions must be taken while taking antibiotics?
20. Write two uses each of a metal and a non metal in our daily life
21. What is atmospheric pressure? Name the instrument used to measure atmospheric pressure.
22. Give two characteristics and uses of alloys.
23. Give two applications of atmospheric pressure from everyday life.
24. Explain two methods that can be used for food preservation.

Short Answer Type Questions-II

25. Explain the various types of groups in which microorganisms are divided with the help of suitable examples.
26. Define agricultural Practices. List all the practices under taken by farmers and define these practices at least in one statement.
27. State any two physical and two chemical properties that prove that copper and iron are metals.
28. Explain the formation of curd from milk with the help of an equation.
29. Explain with the help of chemical equations what happen when:-
 - i) Zinc is added to sodium hydroxide.
 - ii) Sodium is reacted with dilute sulphuric acid.
 - iii) Magnesium is reacted with dilute sulphuric acid.
30. Algae and Fungi are both microorganisms yet they are different from each other, how?

50. Which microorganism has animal-like characteristics?

- a) Fungi
- b) Protozoa
- c) Virus
- d) All of these

51. The force between two charged bodies is called

- a) Muscular force
- b) Gravitational force
- c) Magnetic force
- d) Electrostatic force

52. A force of 10 N acts on an area of 0.1m^2 . The force is kept the same but the area is reduced to half. Which of the following is true?

- a) The pressure does not change
- b) The pressure reduces to half
- c) The pressure increases by 1.5 times
- d) The pressure doubles

53. The multicellular organism which reproduces by budding is

- a) Amoeba
- b) Yeast
- c) Paramecium
- d) Hydra

54. Which of the following disease is not caused by bacteria?

- a) Cholera
- b) Typhoid
- c) Tuberculosis
- d) Chickenpox

55. When dead or weakened microbes are introduced into the body,

- a) they prevent the entry of other microbes into the body.
- b) the body kills the microbes by forming antibodies.
- c) the microbes are killed by antibiotics.
- d) the microbes develop resistance against antibodies.

56. Force has

- a) Only magnitude
- b) Only direction
- c) Both magnitude and direction
- d) Neither magnitude nor direction

57. A box of weight 400 N is kept on the floor. The area of contact is 4m^2 . The pressure exerted by the box on the floor is

- a) 100 pa
- b) 200 pa
- c) 300 pa
- d) 400 pa

58. With the increase in the weight of an object the pressure

- a) Increase
- b) Decrease
- c) Remain unchanged
- d) None of these

59. Which of the following metals react and catches fire on exposure to air?

- a) Phosphorus
- b) Nitrogen
- c) Sulphur
- d) Hydrogen

60. Separating grains from chaff is called

- a) Winnowing
- b) Threshing
- c) Furrow
- d) Harvesting

61. A boy is pulling a cart by a force of 100 N. The friction force experienced by the cart is 20 N. The force that causing the motion of the cart is

- a) 100N
- b) 120N
- c) 80N
- d) 5N

62. Combine are used for:
- a) Sowing of seeds
 - b) Harvesting the crops
 - c) Threshing
 - d) Harvesting and threshing both
63. Urea is a
- a) Fertilizer
 - b) Compost
 - c) Manure
 - d) None of these
64. The non metal which is liquid at room temperature is
- a) Chlorine
 - b) Bromine
 - c) Iodine
 - d) Carbon
65. Which metal develops a protective layer over its surface by reaction with air?
- a) Iron
 - b) Zinc
 - c) Silver
 - d) Aluminium