

**DELHI PUBLIC SCHOOL, JAMMU**  
**REVISION ASSIGNMENT FOR CYCLE TEST- I**  
**SESSION (2019-20)**

**CLASS –VIII**

**SUBJECT – SCIENCE**

**Short Answer Type Questions**

1. State any two physical and two chemical properties that prove that copper and iron are metals.
2. Corrosion is slow eater of many metals. Justify the statement citing the examples of iron, copper and silver.
3. Explain the various types of groups in which microorganisms are divided with the help of suitable examples.
4. Explain the terms a) Tensile strength b) Hybridization c) Displacement reaction
5. a) What is the process of 'transplantation' in agriculture? Give examples of two crops which are usually grown by this process.  
b) State two advantages of the process of transplantation in growing crops.
6. a) What are vaccine? How does it work?  
b) Why do we say that if a person suffers from chickenpox once, he/she is not likely to be attacked by the same disease in future?
7. a) How does refrigeration and freezing help in food preservation?  
b) Give two characteristics and uses of alloys.
8. a) Why is the use of biofertilizers preferred to chemical fertilizers?  
b) What happens when phosphorus reacts with oxygen? (Give chemical reaction)

**Long Answer Type Questions**

9. a) What is reactivity series of metals? Draw the reactivity series table also.  
b) Write two uses each of chromium, carbon and phosphorus.
10. Draw a neat labelled diagram of nitrogen cycle and explain all the steps involved in it.
11. a) Differentiate between manure and fertilizers.  
b) What are the advantages of using manure?
12. Compare the chemical properties of metals and non-metals in tabular form.
13. Explain the role of microorganisms in cleaning the environment and production of vaccine.
14. Explain in detail crop production and mixed cropping with the help of examples.

**Multiple Choice Questions**

13. Which of the following microorganism lack chlorophyll and derive their nutrition from decaying matter?  
a) Virus  
b) Algae  
c) Protozoa  
d) Fungi
14. The disease caused by a protozoan and spread by an insect is:  
a) Dengue  
b) Malaria  
c) Polio  
d) Measles
15. Which of the following metals react and catches fire on exposure to air?  
a) Phosphorus  
b) Nitrogen  
c) Sulphur  
d) Hydrogen

16. Iron reacts with hydrochloric acid to produce \_\_\_\_\_ gas.
- a) Oxygen
  - b) Carbon dioxide
  - c) Hydrogen
  - d) Sulphur
17. Which of the following disease is not caused by bacteria?
- a) Cholera
  - b) Typhoid
  - c) Tuberculosis
  - d) Chickenpox
18. Which of the following crops would enrich the soil with nitrogen?
- a) Apple
  - b) Pea
  - c) Paddy
  - d) Potato
19. Which of the following is not a kharif crop?
- a) Paddy
  - b) Mustard
  - c) Maize
  - d) Groundnut
20. Generally, non-metals are lustrous. Which of the following non-metal is lustrous?
- a) Sulphur
  - b) Nitrogen
  - c) Oxygen
  - d) Iodine
21. The soil which needs least frequent irrigation is
- a) Sandy
  - b) Clayey
  - c) Rocky
  - d) Loamy
22. Which of the following vaccines is given for protection against tuberculosis?
- a) BCG
  - b) DPT
  - c) DT
  - d) Polio booster dose