

**DELHI PUBLIC SCHOOL, JAMMU**  
**REVISION ASSIGNMENT FOR CYCLE TEST-I**  
**SESSION (2019 – 2020)**

**Class – VII**

**Subject: Science**

**SHORT ANSWER TYPE QUESTIONS**

1. Write a note on replenishment of nutrients in the soil.
2. What is neutralization reaction? Write one use of neutralization in everyday life.
3. What are the characteristics of physical changes?
4. Balance the following chemical equations:
  - (a)  $N_2 + H_2 \rightarrow NH_3$
  - (b)  $Zn + HCl \rightarrow ZnCl_2 + H_2$
  - (c)  $H_2 + O_2 \rightarrow H_2O$
5. What is symbiosis? Briefly discuss one example of symbiotic relationship.
6. How are acids helpful in maintaining good health?
7. Draw a diagram of photosynthesis. Write down its importance
8. Differentiate between endothermic and exothermic reaction.

**LONG ANSWER TYPE QUESTIONS**

9. What is heterotrophic mode of nutrition? Discuss in detail parasitic and saprotrophic mode of nutrition.
10. Differentiate between acids and bases.
11. What is a chemical reaction? Explain types of chemical reactions with their equations.
12. Explain rusting of iron with the help of a chemical equation. Write three preventive measures of rusting.
13. What are indicators? Explain litmus and china rose indicators.
14. Write an experiment to show that sunlight is necessary for photosynthesis.

**Multiple choice questions**

1. The carbon dioxide gas enters the leaves through
  - a) stomata
  - b) lamina
  - c) stalk
  - d) guard cells
2. The portion of the leaf that is not exposed to sunlight, will not make
  - a) fats
  - b) protein
  - c) glucose
  - d) starch
3. Fruits such as oranges, lemons etc, contain \_\_\_\_\_ acid
  - a) lactic
  - b) citric
  - c) acetic
  - d) ascorbic

4. Methyl orange is a \_\_\_\_\_ indicator
- a) natural
  - b) colourless
  - c) human-made
  - d) pink
5. If no new substance is formed, the change is \_\_\_\_\_ change
- a) physical
  - b) irreversible
  - c) chemical
  - d) mechanical
6. Coating of iron with zinc is done in the process of
- a) greasing
  - b) galvanisation
  - c) painting
  - d) alloying
7. Acids change blue litmus solution \_\_\_\_\_
- a) red
  - b) blue
  - c) colourless
  - d) colourless
8. Which acid is produced in our stomach
- a) sulphuric acid
  - b) hydrochloric acid
  - c) lactic acid
  - d) lactic acid
9. Which of the following is a saprophyte
- a) rose
  - b) coral root
  - c) neem
  - d) all of these
10. Bases that dissolve in water are called
- a) alkalis
  - b) salts
  - c) acids
  - d) bases