

# SUCCESS KEY TEST SERIES

## First Term Exam (Sample Paper)

Std: VIII (E.M)

Subject: General Science

Time: 2Hrs

Date :

Chapter No- 1 to 10

Max Marks: 40

- Q.1 (A) Attempt the following:** 5
- (1) Fill in the blanks:** 1  
The sacs present in the golgi bodies are known as-----
- (2) Find the odd man out** 1  
Seawater, Blue Vitriol, Vinegar, Sugar syrup
- (3) Complete the analogy:** 1  
Plants : Autotrophic :: Animals : \_\_\_\_\_.
- (4) Write True or False** 1  
Mass of an atom is distributed evenly.
- (5) Who am I:** 1  
Leaves are green because of me.
- (B) Choose the proper alternative and fill in the blanks:** 5
- (1) Nucleolus and chromatin fibers are present in**  
(a) Nucleus.  
(b) Cytoplasm.  
(c) Plasma membrane.  
(d) Mitochondria.
- (2) Worst ever industrial accident had been occurred in ----- on the night of 2nd Dec.1984.**  
(a) Bhopal (b) Delhi (c) Mumbai (d) China
- (3) Valency of carbon is 4 and that of oxygen is 2. From this, we understand that there are \_\_\_\_\_ chemical bond/bonds between the carbon atom and one oxygen atom in the compound-carbon dioxide.**  
(a) 1 (b) 2 (c) 3 (d) 4
- (4) If the area-----, the pressure increases for the same force.**  
(a) increases (b) decreases (c) both a and b (d) none of the above
- (5) National Institute of Virology, Pune is involved in research on -----.**  
(a) viruses (b) Fungi (c) Algae (d) Bacteria
- Q.2 Attempt the following:(Any Five)** 10
- (1) Define the following:** 2  
Volt
- (2) Give reasons:** 2  
The foundation of earthquake-proof building is separated from other land.\*
- (3) Draw the following diagram:** 2  
Plasmodium
- (4) Distinguish Between** 2  
Contact and Non-contact forces

**(5) Solve the following**

2

Electric cells having 2V potential difference each have been connected in the form of a battery. What will be the total potential difference of the battery in both cases?\*



**(6) Answer the following**

2

Define Electric cell?

**Q.3 Answer the following in brief: (Any Five)**

15

- (1) What is the thing which is present in Rutherford's atomic model and not present in Dalton's and Thomson's atomic models?
- (2) Write the silent features of Rutherford's atomic model.
- (3) Explain about nuclear reactor?
- (4) Write few uses of isotopes.
- (5) Give two examples of each of water, soil and air pollution from your residential area.\*
- (6) Write the postulates of Dalton's Atomic Theory.
- (7) What is Buoyant force and depends on which factors? Explain which factors shall decide whether any object will get sunk in the liquid or will float on the surface, or float inside the liquid?

**Q.4 Attempt the following: (Any One)**

5

- (1) Describe the construction, working and usefulness of a dry Cell, with the help of a diagram.\*
- (2) Write short note on: Heart disease.

----- All the Best -----