

SUCCESS KEY TEST SERIES

Unit Test-1

Std: VIII (E.M)

Subject: General Science

Time: 2Hrs

Date :

Chapter 1 to 5

Max Marks: 40

- Q.1(A) Attempt the following:** **5**
- (1) Fill in the blanks:** **1**
The inherent property of an object due to which its state of motion cannot change, is called its -----
-----.
- (2) Find the odd man out** **1**
He, Ne, H, Ar.
- (3) Complete the analogy:** **1**
Biopsy : Cancer :: ELISA : _____.
- (4) Write True or False** **1**
Lithium ion cells are non-rechargeable cells.
- (5) Who am I:** **1**
I live on decaying organic matter.*
- (B) Choose the proper alternative and fill in the blanks:** **5**
- (1)** If area -----, pressure reduces for the same force.
(a) increases (b) decreases (c) both a and b (d) none of the above
- (2)** ----- are used to produce strong magnetic field useful in scientific research.
(a) Electromagnets (b) magnets (c) both (d) None of the above
- (3)** Molecules are formed by chemical of combination of -----.
(a) atom (b) element (c) compounds (d) molecules
- (4)** ----- divided living organisms into 5 groups.
(a) Carl Linnaeus (b) Haeckel (c) Chatton (d) Robert Harding Whittaker
- (5)** Dengue is spread by -----
(a) Mosquito (b) Bacteria (c) virus (d) fungi
- Q.2 Attempt the following:(Any Five)** **10**
- (1) Define the following:** **2**
Atom*
- (2) Give reasons:** **2**
Why should we drink boiled water in rainy season?*
- (3) Draw the following diagram:** **2**
Euglena
- (4) Distinguish Between** **2**
Kingdom Monera and Kingdom Protista
- (5) Solve the following** **2**
The volume of a plastic covered sealed box is 350 cm^3 and the box has a mass 500 g. Will the box float on water or sink in water? What will be the mass of water displaced by the box?*
- (6) Answer the following** **2**
What is the point of difference between the place of electron in the atomic models of Thomson and Rutherford?*

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

15

- (1) Explain in detail how heart diseases occur?
- (2) What is Friction? Give example to show advantages and disadvantages of friction?
- (3) What is a simple electric circuit?
- (4) Write the postulates of Dalton's Atomic Theory.
- (5) What are the major groups of Microbes.
- (6) Mention any three measures that can be used to avoid certain cancers.
- (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) What are general features and the uses of isotope?
- (2) Explain the demerits of Whittaker's classification.*

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