

SUCCESS KEY TEST SERIES

Unit Test -4

Std: VIII (E.M)

Subject: General Science

Time: 2Hrs

Date :

Chapter No.16 to 19

Max Marks: 40

- Q.1 (A) Attempt the following:** **5**
- (1) **Fill in the blanks:** **1**
Rate of evolution depends on -----.
- (2) **Find the odd man out** **1**
Thermocoal, Plastic Wood and Glass.
- (3) **Complete the analogy:** **1**
Less than 8 M sun : White dwarf : : Between 8 to 25 M sun: _____
- (4) **Write True or False** **1**
Plastic does not decompose.
- (5) **Who am I:** **1**
- (B) Choose the proper alternative and fill in the blanks:** **5**
- (1) A manmade material showing the property of plasticity and made up of organic polymers is -----
---.
(a) plastic (b) wood (c) rubber (d) all of these
- (2) Kaleidoscope and Periscope both use the properties of reflection of light.
(a) Reflection (b) refraction (c) both of these (d) none of these
- (3) In the Sun, this energy is generated by the fusion of ----- nuclei to form helium nuclei.
(a) Nitrogen (b) hydrogen (c) carbon (d) helium
- (4) Two-third of the single horned ----- is found at Kaziranga national park (Assam).
(a) Tiger
(b) Rhino
(c) Lion
(d) Deer
- (5) On heating, -----becomes soft and can be molded into any shape.
(a) Wood
(b) Glass
(c) Metal rod
(d) Sand
- Q.2 Attempt the following:(Any Five)** **10**
- (1) **Define the following:** **2**
Food web*
- (2) **Give reasons:** **2**
In saloon, one can observe the hair on back side.
- (3) **Draw the following diagram:** **2**
- (4) **Distinguish Between** **2**
Regular and irregular reflection of light.*
- (5) **Solve the following** **2**
If the angle between the incident ray and the reflected ray is 90° , what are the values of the angle of incidence and angle of reflection?*
- (6) **Answer the following** **2**
What are the different laws of reflection?

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

15

- (1) Explain the types of aquatic ecosystems.
- (2) Write the properties of plastic.
- (3) Explain with diagram the uses of periscope.
- (4) Write short note on: Black Hole
- (5) Write short note on: Aquatic ecosystems
- (6) Explain the effect of following materials on environment and human health.
 1. Plastic
 2. Glass.
 3. Thermocol.*
- (7) Explain the construction and working of a Kaleidoscope with the help of a diagram.

Q.4 Attempt the following: (Any One)

5

- (1) Describe marine ecosystem?
- (2) Write the natural or manmade raw material of the following item: Mattresses, beaker, bangle, chair, gunny bag, broom, knife.

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