

Class: 6th

Time: 2.30Hours

Subject: Science

Max Marks: 80

Name: _____

SUBJECTIVE TYPE

Roll No: _____

SECTION II

Note: Write short answers to any twenty five (25) parts from Q 2,3 and 4. Also write the no. of questions along with its parts.

Q#2. Write short answers to the following.

(2×25=50)

- i. Define photosynthesis process.
- ii. What is one cause of oxygen being found in the atmosphere?
- iii. What would happen if there were no carbon dioxide in the air?
- iv. Write word equation for respiration in plants.
- v. Why is it important that the leaves on a stem are arranged so they do not overlap too much?
- vi. Write two examples of decomposers.
- vii. Define omnivores with an example.
- viii. Why are animals said to be consumers instead of producers?
- ix. What would be the effect of destroying most or all of the plants on the other biotic factors in an environment?
- x. What is parasite?
- xi. What are two ways a mosquito may harm its host?

Q#3. Write short answers to the following.

- i. Even if a glass is filled to the brim with water, you can add a considerable amount of salt without making the water run over. How is this possible?
- ii. What makes ocean water a solution?
- iii. Define saturated solution.
- iv. Define solvent.
- v. Identify the solute and solvent in a solution made from 15 gram of oxygen and 5 grams of helium.
- vi. Define microscope.
- vii. How can a scientist see the details of the moon?
- viii. Can a plane mirror ever produce a real image? Explain.
- ix. Can you obtain a virtual and upright image from a concave mirror? Draw diagram only.
- x. Define Kaleidoscope.
- xi. Write one law of reflection.

Q.4 Write short answers to the following.

- i. Why is there no sound heard in vacuum?
- ii. How can sounds be harmful?
- iii. What happens if you sprinkle paper pieces on a drumhead and then hit the drumstick?
- iv. What is speed of sound in air?
- v. What is vibration?
- vi. Explain how covering the ears can keep a person from hearing a sound.
- vii. Define absorption of light.
- viii. How does the surface of a still pond or puddle behave when light falls on it?
- ix. If you look directly at a high way it looks black. If, however, you look at it at an angle, It looks shiny. Why is it look so?
- x. Define carnivores with an example.
- xi. Define dilute solution.

SECTION II

Note : Attempt any three questions from this section.

(10×3=30)

Q.5 What is solubility? How does temperature affect the solubility?

Q.6 Draw a ray diagram for light reflected from plane mirror.

Q.7 How do we hear sound?

Q.8 Describe the internal structure of leaf.

Q.9 Explain the following with one example only. (i) Parasitism (ii) Mutualism

The End