

Class: 7th

Subject: Science

Name: _____ **SUBJECTIVE TYPE**

Time: 2.30Hours

Max Marks: 80

Roll No: _____

Note: Write short answers of any twenty five (25) parts from Q 2,3 and 4. Also write the number of question along with its parts.

SECTION I

Q.2 Write short answers to the following.

(2×25=50)

- i. Define sexual reproduction.
- ii. Define asexual reproduction.
- iii. What are the male and female parts of flower?
- iv. Define pollination.
- v. Name any four pollinators.
- vi. Define a sperm and an egg.
- vii. Which part of a seed develops in to the first root of new plant?
- viii. Which kind of organisms are at the start of most food chains?
- ix. Name biotic factors of an ecosystem.
- x. How are producers, consumers and decomposers related to each other?
- xi. Define an ecosystem.

Q.3 Write short answers to the following.

- i. Define community.
- ii. Name the ways by which we can save our natural resources.
- iii. Define food chain.
- iv. Define food web.
- v. What is meant by a physical change?
- vi. Define a chemical change.
- vii. Give an example to show that people change the environment.
- viii. What is hydrogenation?
- ix. What is a plastic?
- x. Define wavelength of a longitude wave.
- xi. Name the four devices that use different sounds in our everyday life.

Q.4 Write short answers to the following.

- i. What makes some sounds louder than others?
- ii. What is relationship between the frequency and pitch?
- iii. How does sound travel?
- iv. What is an electric current?
- v. What causes the current to flow in an electric circuit?
- vi. What are the functions of an ELCB?
- vii. Out of fuse and circuit breaker which one is easier to use?
- viii. What is the main difference between a series circuit and parallel circuit?
- ix. How does increasing the potential difference, affect the current?
- x. Write the names of two different habitats.
- xi. Which part of embryo develops in to first shoot of new plant?

SECTION II

Note: Attempt any three (03) questions from this section.

(10×3=30)

- Q.5** Explain fertilization in plant. (10)
- Q.6** Define habitat. Describe any two habitats. (10)
- Q.7** How are fertilizers useful and harmful for us. (10)
- Q.8** Compare transverse waves and longitudinal waves. (10)
- Q.9** Explain chemical effect of current. (10)

The End