

New era Public School
class: 6th Subject: Science

Pg no. 1

Exam: Term-Ist M. Marks: 60

Part A.

A) Long Answer Type Questions (Do any four)

- Q1. State four characteristics each of Physical and chemical changes.
- Q2. Write a short note on chemical reactions.
- Q3. What are the basic characteristics of living things? Explain growth and life span in an organism.
- Q4. What are the functions of the stem?
- Q5. Name the main organs and the functions of the nervous system.
- Q6. Explain the structure of the following and their functions (i) The ribcage (ii) The skull

[4 × 6 = 24]

B) Short Answer Type Questions

- Q1. Distinguish between Physical and chemical changes.
- Q2. What is meant by Photosynthesis?
- Q3. What does a seed contain? Which part of the flower usually develops into a fruit?
- Q4. How many muscles are needed to move a bone in one direction? Name the bones in the human arm.
- Q5. What is the function of a stem tendril?

[5 × 3 = 15]

C) Multiple choice Question

1. A change in which a new substance is formed is known as a change that is
 - a) reversible
 - b) irreversible
 - c) chemical
 - d) physical
2. Which of the following is a hinge joint?
 - a) knee joint
 - b) shoulder joint
 - c) wrist joint
 - d) ankle joint
3. The bone at the joints are held together
 - a) cartilage
 - b) tendons
 - c) ligaments
 - d) organs
4. During which process is energy released?
 - a) Feeding
 - b) respiration
 - c) Growth
 - d) reproduction
5. In which part of the plant would you find the thalamus?
 - a) Root
 - b) leaf
 - c) Flower
 - d) Stem
6. Which of the following is a physical change?
 - a) Burning of paper
 - b) rusting
 - c) Burning of wax
 - d) Freezing

[6×1=6]

D) Fill in the blank

1. The burning of paper is a/an _____ change
2. Leaves falling off a plant is an example of a _____ change.
3. The tiny pores that are present in leaves are called _____.
4. The change that produces a response in an organism is called _____.
5. Fish use their _____ for breathing

6. The spinal cord is a part of the _____ system.

[6 × 1 = 6]

E) TRUE / FALSE

1. During photosynthesis, leaves make starch.
2. Plants are also called autotrophs.
3. The setting of curd is a chemical change.
4. The joint between the arm and the shoulder blade is a pivot joint.
5. Organisms use carbon dioxide to release energy from food.
6. The chopping of vegetables is a reversible physical change.

[6 × 1 = 6]

F) Draw the diagrams and label its parts
The human skeleton

or

Structure of flower

[1 × 3 = 3]