

C) State whether the following statements are True or False and rewrite the sentences. (2)

1. You should not swim when there is lightning in the sky.
2. The part that grows from inside the seed towards the soil is called plumule.

D) Name the following. (2)

1. Any two names of spiny stem.
2. Any two names of scavengers.

Q2. A) Define (Any Two) (2)

1. Acceleration
2. Cell wall
3. Newton's first law of motion

B) Give scientific reasons. (Any Three) (6)

1. Fungus grows quickly in moist or humid conditions.
2. The telephone wires which sag in summer become straight in winter.
3. A glass bottle completely filled with water never be kept in a freezer.
4. Insectivorous plants are attractively coloured.

C) Distinguish between the following. (Any Two) (4)

1. Plant cell and Animal cell.
2. Mass and weight.
3. Adaptation in aquatic plants and desert plants.

Q3. A) Write short note on. (Any Two) (6)

1. Tap root with diagram.
2. The errors that occur while making measurement.
3. Properties of water.

B) Answer the following questions in one sentence. (Any Four)

(4)

1. Observe the diagram below and write the name of it.



2. What is the unit of speed in MKs system?
3. Give any one example of the insectivorous plant.
4. What is famine?
5. What are micro - organisms?

Q4. Answer the following questions in brief. (Any Four)

(8)

1. How does a fever get lowered by putting a cold compress on the forehead of a patient?
2. A cart with mass 20 kg went 50 m in a straight line on a plain and smooth road when a force of 2N was applied to it. How much work was done by the force?
3. Complete the following chart.

Sr No.	Quantity	Name of the unit	Symbol of the unit
1	Length	metre	_____
2	Mass	_____	kg
3	_____	seconds	_____

4. Following is the chart showing role of nutrients for plants. Complete it

Sr. No	Nutrient	Function
1	Nitrogen	_____
2	Phosphorus	_____

5. What are the various uses of soil?

Q5 A) Draw a neat and well labelled diagram of the following. (Any Two) (4)

1. Prokaryotic cell
2. Parts of leaf
3. Thermos flask

B) Answer the following questions in detail. (Any One) (4)

1. Explain the process of production of food in plants.
2. What is lightning conductor? Explain working of it with well labelled diagram.

