

# Fr. Agnel School

Waliv, Vasai (E)  
1<sup>st</sup> Unit Test Exam

Std.: 7<sup>th</sup>

Sub: Science

Total Marks: 20

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**Q.I. Choose the correct option and rewrite the statement: (5)**

1. The part that grows from inside the seed towards the soil is called \_\_\_\_\_.  
a. Radicle    b. Plumule    c. Leaf    d. Root
2. \_\_\_\_\_ soil has pH7.  
a. Acidic    b. Basic    c. Neutral    d. Moist
3. Nutrients required in large quantity are \_\_\_\_\_.  
a. Micronutrients    b. Macronutrients  
c. Compounds    d. Food stuffs
4. While freezing, the \_\_\_\_\_ of water is lowered.  
a. Mass    b. Density    c. Volume    d. Temperature
5. \_\_\_\_\_ arises from the nodes on a stem.  
a. Leaves    b. Root    c. Stem    d. Fruit

**Q.II. A State weather the following statements are True or False. (3)**

1. The substance in which a solute dissolve is called a solvent.
2. All the animals are autotrophic.
3. Leaves grow above the soil from the plumule of the sprouting seed.

**B. Draw a neat labelled diagram: (any1) (2)**

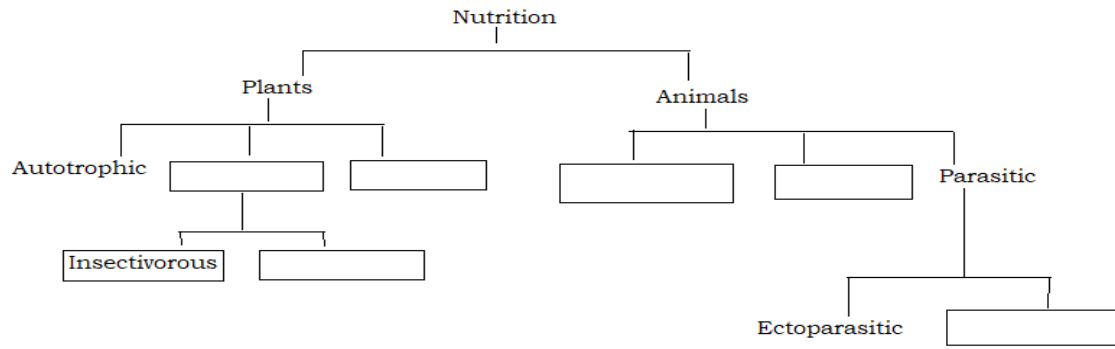
1. Feeding in Amoeba
2. Parts of a flower.

**Q.III. Answer the following question. (any2) (4)**

1. Give examples of two plants that have:  
a. Single-seeded fruits.  
b. Spiny fruits.
2. Why is it said that – Air is a homogeneous mixture of various gases.
3. Give reason- Insectivorous plants are attractively coloured.
4. Draw neat labelled diagram of formation of root.

**Q. IV Answer the following question. (any 2) (6)**

1. Describe the functions of various parts of a plant.
2. Prepare and complete the following chart according to the Type of nutrition.



3. What are the various uses of soil?

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