



# VIVEK TUTORIALS

Biology  
Practice Test  
Max Marks: 20

Date : 12/Apr/2019

Grade: 8th (ICSE)  
Chapter Two

Time: 30Min

## Question 1

### (A) Name the following:

- (1) Name the process by which water loss takes place through the leaves. 1
- (2) Name the plant tissue which helps in carrying the food to different parts. 1

### (B) Fill in the blanks:

- (1) Water is lost from the leaves by \_\_\_\_\_. 1
- (2) Movement of water occurs from a \_\_\_\_\_ solution into \_\_\_\_\_ solution in osmosis. 1
- (3) Osmosis occurs through a \_\_\_\_\_ membrane. 1
- (4) Most water gets evaporated from the plant from its \_\_\_\_\_. 1
- (5) Transpiration is reduced if the air is \_\_\_\_\_. 1

## Question 2

Study the diagram given below and then answer the questions that follow:

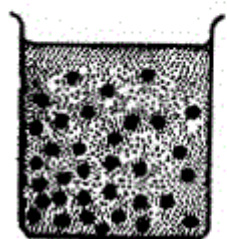
- (a) The following figure indicates an experimental set-up, a dye was placed at the bottom of a beaker filled with water as shown in figure A, below. After some time, the entire water in the beaker got coloured uniformly as shown in figure D. 5



A



B



C



D

- (a) Name and define the phenomenon shown in the experiment.
- (b) In all the four jars of the above figure, two kinds of molecules are shown symbolically - larger and smaller. Which molecules are of the solute and which are of the solvent?
- (c) If all the dark shaded molecules in A jar are tightly enclosed in a cell membrane, what will be the nature of movement of the molecules, if any?

- (b) In the following figure an apparatus shown alongside was set up in sunlight for about an hour. It was observed that drops of water appeared on the inside of the polythene bag
- (a) Name the process which is being demonstrated.



- (b) Why the pot and its soil were left uncovered by the polythene bag?
- (c) Why was the pot left in the sunlight?
- (d) Suppose the pot in this experiment was placed inside a dark room instead of placing it under sunlight. What difference would be noticed?

----- All the Best -----