

Sri Vidyaniketan Public School- Sriramnagar

Class: 9

Unit-1

Subject: BIOLOGY

Topic: THE FUNDAMENTAL UNIT OF LIFE

Worksheet-1

I. Choose the correct option:

1) The basic structural and functional unit of an organism_____

- a) Cell b) Tissue c) organ d) organ system

2) Who discovered the cell_____

- a) Robert hooke b) Virchow c) Schwan d) Schleiden

3) The plasma membrane is made up of_____

- a) Proteins and lipids b) Fats and lipids c) Proteins and vitamins
d) Lipids and fats

4) Which of the following is an unicellular organism_____

- a) Human being b) Cat c) Dog d) Amoeba

5) Which scientist stated that cell comes from pre-existing cells_____

- a) Robert hooke b) Hans lippershey c) Virchow d) Schwan

II. FILL IN THE BLANKS.

1. The movement of molecules from a region of higher concentration to the region of lower concentration is known as_____.

2. The outer membrane of the cell is known as_____.

3. The organism contains only single cell is known as _____ organism.
4. The concentration of water is high in the solution than the concentration of water in the cell is known as _____
5. The membrane which allows only selective molecules to enter and exit the cell is known as _____.