

# 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 \_\_\_\_\_.