



# INDIAN SCHOOL DARSAIT DEPARTMENT OF SCIENCE

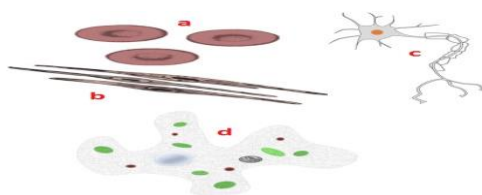


**Subject :** Biology/chemistry **Topic :** Cell-Structure and Functions **Date of worksheet:** 12/ 5 /2019

**Resource Person :** Ms.Haseena Begum

**Name of the Student :** \_\_\_\_\_ **Class & Division :** VIII\_\_ **Roll Number :** \_\_

1. Name the instrument used to study cells. 1
2. What is the unit for measuring the size of a cell? 1
3. Give an example of an organism which is unicellular and eukaryotic. 1
4. Give an example of the smallest and the largest cell. 1
5. Name the following 1
  - a. Green colour bodies found in plant cells.
  - b. The outermost layer of animal cell.
6. Which substance is used to the stain the human cheek cells to observe them clearly under a microscope? 1
7. Give one word for the following 1
  - a. Control center of the cell
  - b. The jelly like substance in a cell.
9. Name the structural and functional unit of life. 1
10. The cell was first discovered by the scientist named \_\_\_\_\_ 1
11. Roshni was given two slides of unlabelled cells. She was asked to observe it under microscope and identify the plant cell from the two. On what basis she will identify the plant cell? 1
12. Arrange the following in the correct order. 1  
Tissues, Organism, Organ, Cells, Organ system
13. Name the cell organelles which are found only in plant cell and not in animal cell. 1
14. Identify the following cells given below a ,b , c and d. 2



15.	Draw and label the basic components of an animal cell.	2
16.	Differentiate between the following. a. Unicellular and Multicellular organisms with examples. b. Cytoplasm and Protoplasm	2
17.	What are the functions of cell membrane?	2
18.	Draw the cheek cells as seen under microscope.	2
19.	Mention the functions of the following in a cell a. Mitochondria                      b. Plastids	2
20.	What are genes? Mention its function.	2
21.	Identify the cell given below and label the parts. a. ....	5

