



INDIAN SCHOOL DARSAIT
DEPARTMENT OF SCIENCE

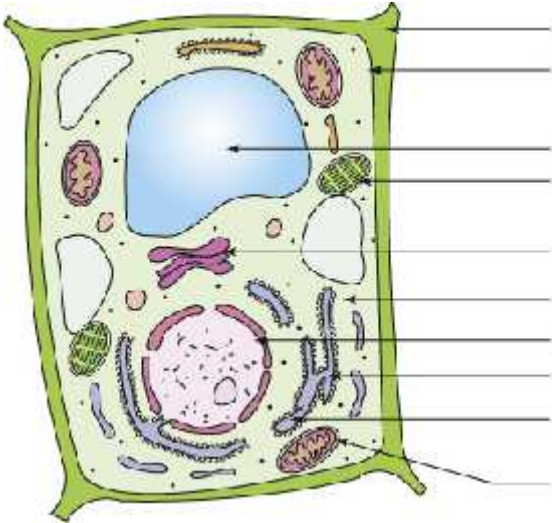
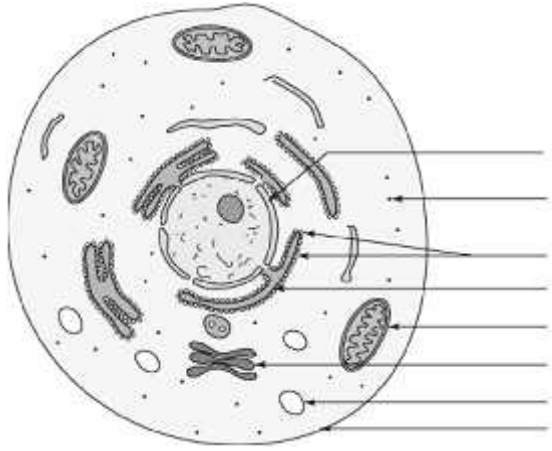


Subject : Biology/chemistry **Topic :** Cell-Structure and Functions **Date of worksheet:** 11/ 5 /2017

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 | Name the smallest and largest cell in our body. | 1 |
| 4 | Give an example of the smallest and the largest cell. | 1 |
| 5. | Name the following a. Green colour bodies found in plant cells. b. The outermost layer of animal cell. | 1 |
| 6. | Which substance is used to stain the human cheek cells to observe them clearly under a microscope? | 1 |
| 7. | Give one word for the following a. Control centre of the cell b. The jelly like substance in a cell. | 1 |
| 8. | The genes are present in _____ | 1 |
| 9. | Name the structural and functional unit of life. | 1 |
| 10. | The cell was first discovered by the scientist named _____ | |
| 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. tissues, organism, organ, cells, organ system | 1 |
| 13. | Name the cell organelles which are found only in plant cell and not in animal cell. | 1 |
| 14. | A group of similar cells performing a specific function join together to form a _____ | 1 |
| 15. | Which stain is used to observe a plant cell. | 1 |
| 16. | Draw and label the basic components of an animal cell. | 2 |
| 17. | Differentiate between the following a. Unicellular and Multicellular organisms with examples. b. Cytoplasm and Protoplasm | 2 |

| | | |
|-----|---|---|
| 18. | What are cell organelles? Give examples. | 2 |
| 19. | What are the functions of cell membrane. | 2 |
| 20. | Are the nerve cells of an elephant larger than the nerve cells of a rat? Give reason for your answer. | 3 |
| 21. | Draw the cheek cells as seen under microscope. | |
| 22. | Mention the functions of the following in a cell a. Nucleus b. Mitochondria c. Plastids | 3 |
| 23. | Differentiate between prokaryotes and eukaryotes with relevant examples. | 3 |
| 24. | Identify the cells given below and label the parts.  a.  b..... | 3 |