

DELHI PUBLIC SCHOOL, GAYA

WORKSHEET-1

Subject : Biology

Class : IX

Topic : Cell

1. Who coined the term "Cell"?
2. Who discovered nucleus?
3. Where are genes located?
4. Write the main function of leucoplast.
5. Why are RER appears rough?
6. Explain the importance of Osmosis for living beings.
7. Draw a diagram of plant cell.
8. What will happen if we keep a cell in a hypotonic solution?
9. Differentiate between prokaryotic and eukaryotic cell.
10. Who proposed cell theory?
11. What is the function of ribosome?
12. Name two cell organelle that contain their own genetic material.
13. Draw the diagram of prokaryotic cell.
14. What would happen if an animal cell is kept in distilled water for 24 hrs?
15. Write down the function of mitochondria.
16. Why cell membrane is called semi permeable membrane?
17. Define osmosis.
18. What do you mean by plasmolysis?
19. Differentiate between SER and RER.
20. List the difference between plant cell and animal cell.

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