



The Cell
Grade VIII
Question Bank

Answer the following questions

1. Why are stains used in the study of cells?
2. What are the three fundamental structures present in all cells?
3. What is the function of the cell wall?
4. What is a semi-permeable membrane? Where can it be found in a cell?
5. Why are chromosomes important?
6. State the functions of the cell membrane.
7. Name the three different kinds of plastids and their functions.
8. What are the different kinds of shapes seen in cells and how are they related to the function of the cells?
9. Describe the functions of the following organelles.
a) Cell membrane b) Mitochondria c) Vacuole.
10. Name three organelles that are involved in the production and transport of substances within cells. Explain how they work together.
11. Differentiate between plant and animals.
12. Describe how cell division occurs. Why is cell division necessary?