



**VIDYA BHAWAN, BALIKA VIDYAPITH**  
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STUDY NOTES

Teacher's Name: Anjani Kaushik

CLASS- IX (All Section)

DATE:23-05-2020

**BIOLOGY**

**LESSON-01**

**CHAPTER: The Fundamental Unit of Life**

**Today's Topic: Revision of chapter**

**Answer the following questions:**

1. Who discovered cells and how?
2. Why is the cell called the structural and functional unit of life?
3. How do substances like CO<sub>2</sub> and water move in and out of the cell? Discuss.
4. Why is the plasma membrane called a selectively permeable membrane?
5. Can you name the two organelles we have studied that contain their own genetic material?
6. If the organisation of a cell is destroyed due to some physical or chemical influence, what will happen?
7. Why are lysosomes known as suicide bags?
8. Where are proteins synthesised inside the cell?
9. Make a comparison and write down ways in which plant cells

are different from animal cells.

**10.** How is prokaryotic cell different from a eukaryotic cell?

**11.** What would happen if the plasma membrane ruptures or breaks down?

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