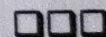


Cell- The Fundamental unit of life

1. Who discovered cell and how? 2m
2. Why is the cell called as structural and functional unit of life? 2m
3. How do substances like Carbon dioxide and water move in and out of the cell? Discuss. 2m
4. Why plasma membrane is called as selectively permeable membrane? 2m
5. Draw a diagram of mitochondria. 2m
6. Which organelle makes endoplasmic reticulum rough? 1m
7. Why lysosomes are called as suicidal bodies? 2m
8. What are the functions of Golgi complex? 2m

TEST YOUR SKILLS

- Q1. Name two cell organelles we have studied that contain their own genetic material.
- Q2. Name the smallest cell and longest cell in human body.
- Q3. What is the function of chromosome?
- Q4. Name the cleansing organelle in the cell.
- Q5. What is the full form of DNA?
- Q6. Give the difference between prokaryotic and eukaryotic cell.
- Q7. How do substances like CO_2 and water move in and out of the cell?
- Q8. Why is plasma membrane called a selectively permeable membrane?
- Q9. Draw a neat labelled diagram of animal cell.
- Q10. What is the function of nucleus in a cell?
- Q11. Give the difference between plant cell and animal cell.



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