

**DELHI PUBLIC SCHOOL JAMMU**

**SESSION 2024-25**

**ASSIGNMENT**

**MONTH-MAY**

**Chapter: The Fundamental unit of life**

**CLASS –IX**

**Subject- Biology**

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|---|---|
| Q1. Name the organelle that is referred to as the 'powerhouse of the cell'.   | 1 |
| Q2. Write the names of two cell organelles that have their own DNA and ribosomes.   | 1 |
| Q3. What is plasmolysis? Give its one example.  | 1 |
| Q4. Give technical term for a medium which has exactly the same concentration as the cell?<br>Why does the size of the cell remain the same when placed in such a solution? | 2 |
| Q5. Draw a well labeled diagram of a plant cell.  | 2 |
| Q6. Describe the structure and functions of nucleus.  | 3 |

NOTE: Students will do this assignment in their Biology assignment notebook. Assignment notebooks will be submitted to your Biology teacher on 27 th of May.