

Holiday Homework

Mid-term Break 2024-25

Sub: Biology

Class XI A+B

1. Draw and label the diagrams of Cell-cycle and sub phases of Meiotic Cell division
2. Draw the Ring chain structures of various Monosaccharide Carbohydrates.
3. Draw and label diagram of various phases of Meiotic Division.
4. Classify Enzymes. What are various ingredients of an Enzyme.
5. Draw and label diagrams of all sub phases of Prophase of Meiotic I division.
6. Draw and label diagrams of phases of Mitotic division.

Class XII A+B

1. Complete question answer of the chapter Reproduction in flowering plants & Health and Disease.
2. Draw and label the important diagrams of Monohybrid and Dihybrid Cross of Mendelian experiments on Inheritance.
3. List some common diseases and their remedies.
4. Discuss some Chromosomal disorders with common symptoms.
5. Draw and label the diagram of nucleosome. Discuss the importance of Nucleosome.
6. Illustrate Griffith experiment with suitable diagrams.
7. Complete question answer of the chapter Molecular basis of inheritance.
8. Illustrate the process of Incomplete Dominance, Co dominance, Pleiotropy, Polygenic Inheritance.