

Holiday Homework Summer Vacation 2025-26

Sub: Biology

Class IX A&B

1. Sketch the diagram of various Cells of different size.
2. On chart paper draw and label the diagram of a typical Plant cell.
3. Illustrate the history of a typical Cell and its organelles.
4. Draw and label some common cells of different shapes.

Class X A

1. Make a project on the topic 'Carbon dioxide is essential for photosynthesis'.
2. Draw and label the diagram of ingestion in a single cell organism like Amoeba.
3. Make a flow chart of biochemistry of digestion occurring at the various parts of the alimentary canal.
4. Draw and label diagram of the cross section of a typical leaf showing the site for photosynthesis.
5. Draw and label diagram of the human digestive system.

Class XI A&B

1. Make a list of various tools of systematics.
2. How will you name a plant or animal as per recommendations of ICBN and ICZN.
3. Make a chart of various algae classified as per common parameters.
4. Make a flowchart of classification of organisms based on various rubrics.
5. Make a flowchart of classification of Monera and Protista.
6. Give details of Karyogamy and Plasmogamy occurring in Fungi.

Class XII A&B

1. Complete question answer of the chapter 'Reproduction in flowering plants'.
2. Draw and label the important diagrams of the chapter Reproduction in flowering plants.
3. Draw and label diagrams of the anatropous section of an Ovule.
4. Draw and label the flowchart of different shaped Angiospermic Embryo.
5. Draw and label the diagram of Micro Sporogenesis in flowering plants.
6. Draw and label the diagram of an Embryo sac showing double fertilization.
7. Complete question answer of the chapter Reproduction in flowering plants.
8. Draw and label diagrams of Human Reproductive System