

DELHI PUBLIC SCHOOL, JAMMU
SYLLABUS BIFURCATION
SESSION (2023-2024)

CLASS XI

SUBJECT: BIOLOGY (044)

The Science which deals with the study of structure, organization, life processes, interactions, origin and evolution of living organism is biology. Biology is both fascinating and fun to study at the school level especially when connected to everyday life.

OBJECTIVE OF THE THEORY:

1. The students will be able to read, understand and critically interpret the biological literature.
2. The subject of biology piques intellectual curiosity, increases awareness of the fragile ecosystem.
3. The value of teaching biology should focus on the importance of appreciating the natural world and protecting planet earth.

PRACTICAL AIM: Student should be able to test theories developed about biotic and abiotic components by utilizing the scientific method and then to apply the new information in a beneficial way.

S.NO.	MONTH	NAME OF THE LESSON
1	APRIL	Chapter-1: The Living World Chapter-2: Biological Classification Chapter-3: Plant Kingdom • Foundation sheet-For Revision on "The living world"
2	MAY	Chapter 4: Animal Kingdom Chapter-5: Morphology of Flowering Plants • Sample Paper and Revision Sheet
3	JUNE	Chapter-6: Anatomy of Flowering Plants • Discussion and allotment of Investigatory Project allotted by CBSE
4	JULY	Chapter-7: Structural Organization in Animals Chapter-8: Cell-The Unit of Life • Activity-Presentation on cell structure and its components • Assignment 1



5	AUGUST	Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division • Activity- Using the textual information available prepare a PPT on the events occurring during mitosis and meiosis . Assignment 2
6	SEPTEMBER	Chapter-13: Photosynthesis in Higher Plants • Sample Paper and revision Sheet
7	OCTOBER	Chapter-14: Respiration in Plants Chapter-15: Plant - Growth and Development • Activity-Class Test based on MCQ/Kahoot Quiz
8	NOVEMBER	Chapter 17: Breathing and Exchange of Gases Chapter-18: Body Fluids and Circulation Chapter-19: Excretory Products and Their Elimination • Activity-PPT on the topic blood circulation and excretory system in human beings. • Assignment 3
9	DECEMBER	Chapter 20: Locomotion and Movement Chapter 21: Neural Control and Coordination • Sample Paper • Class Test-2 based on case studies/Assertion Reasoning
10	JANUARY	Chapter 22: Chemical Coordination and Integration Revision Sample Paper Class Test -3 based on CBSE syllabus
11	FEBRUARY	Revision of important topics and practical activities

EXAM SCHEDULE

SYLLABUS OF FORMATIVE ASSESSMENT-I

- Chapter-1: The Living World
- Chapter-2: Biological Classification
- Chapter-3: Plant Kingdom



SYLLABUS OF HALF YEARLY EXAMINATION

- Chapter-1: The Living World
- Chapter-2: Biological Classification
- Chapter-3: Plant Kingdom
- Chapter-4: Animal Kingdom
- Chapter-5: Morphology of Flowering Plants
- Chapter-6: Anatomy of Flowering Plants
- Chapter-7: Structural Organisation in Animals
- Chapter-8: Cell-The Unit of Life

SYLLABUS OF FORMATIVE ASSESSMENT-II

- Chapter-9: Biomolecules
- Chapter-10: Cell Cycle and Cell Division
- Chapter-13: Photosynthesis in Higher Plants
- Chapter-14: Respiration in Plants

SYLLABUS FOR FINAL EXAMS

- Chapter-1: The Living World
- Chapter -2: Biological Classification
- Chapter-3: Plant Kingdom
- Chapter 4: Animal Kingdom
- Chapter-5: Morphology of Flowering Plants
- Chapter-6: Anatomy of Flowering Plants
- Chapter-7: Structural Organisation in Animals
- Chapter-8: Cell-The Unit of Life
- Chapter-9: Biomolecules
- Chapter-10: Cell Cycle and Cell Division
- Chapter-13: Photosynthesis in Higher Plants
- Chapter-14: Respiration in Plants
- Chapter-15: Plant - Growth and Development
- Chapter 17: Breathing and Exchange of Gases
- Chapter-18: Body Fluids and Circulation
- Chapter-19: Excretory Products and Their Elimination
- Chapter 20: Locomotion and Movement
- Chapter 21: Neural Control and Coordination
- Chapter 22: Chemical Coordination and Integration

Subject Coordinator

