DELHI PUBLIC SCHOOL, JAMMU SYLLABUSBIFURCATION 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 |
| 2 | MAY | Foundation sheet-For Revision on "The living world" 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 |

| 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 |
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| 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 |

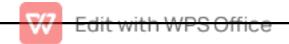
EXAM SCHEDULE

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

