

**DELHI PUBLIC SCHOOL, JAMMU**  
**SYLLABUS BIFURCATION**  
**SESSION (2022-2023)**

**CLASS XII**

**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: Reproduction in Organisms; Chapter 2: Sexual Reproduction in Flowering Plants
2	MAY	Chapter 3: Human Reproduction; Chapter 4: Reproductive Health
3	JUNE	Chapter 5: Principles of Inheritance and Variation
4	JULY	Chapter 6: Molecular Basis of Inheritance; Chapter 7: Evolution
5	AUGUST	Chapter 8: Human Health and Diseases
6	SEPTEMBER	Chapter 10: Microbes in Human welfare
7	OCTOBER	Chapter 11: Biotechnology-Principles and Processes
8	NOVEMBER	Chapter 12: Biotechnology and its applications
9	DECEMBER	Chapter 13: Organisms and Population; Chapter 14: Ecosystem
10	JANUARY	Chapter 15: Biodiversity and its conservation
11	FEBRUARY	Project checking and Practical Revision
12	MARCH	Revision of the Syllabus

## **EXAM SCHEDULE**

### **SYLLABUS OF FORMATIVE ASSESSMENT**

- CHAPTER 2. Sexual Reproduction in Flowering Plants
- CHAPTER 3. Human Reproduction
- CHAPTER 4. Reproductive Health
- CHAPTER 5. Principles of inheritance and variation

### **SYLLABUS OF HALF YEARLY EXAMINATION**

- CHAPTER 1. Reproduction in Organisms
- CHAPTER 2. Sexual Reproduction in Flowering Plants
- CHAPTER 3. Human Reproduction
- CHAPTER 4. Reproductive Health
- CHAPTER 5. Principles of inheritance and variation
- CHAPTER 6. Molecular Basis of Inheritance
- CHAPTER 7. Evolution

### **PRE-BOARD-I**

- CHAPTER 2. Sexual Reproduction in Flowering Plants
- CHAPTER 3. Human Reproduction
- CHAPTER 4. Reproductive Health
- CHAPTER 5. Principles of inheritance and variation
- CHAPTER 6. Molecular Basis of Inheritance
- CHAPTER 7. Evolution
- CHAPTER 8. Human Health and Diseases
- CHAPTER 10. Microbes in Human Welfare
- CHAPTER 11. Biotechnology-Principles and Processes
- CHAPTER 12. Biotechnology and its applications

### **PRE-BOARD-II**

- CHAPTER 2. Sexual Reproduction in Flowering Plants
- CHAPTER 3. Human Reproduction
- CHAPTER 4. Reproductive Health
- CHAPTER 5. Principles of inheritance and variation
- CHAPTER 6. Molecular Basis of Inheritance
- CHAPTER 7. Evolution
- CHAPTER 8. Human Health and Diseases
- CHAPTER 10. Microbes in Human Welfare
- CHAPTER 11. Biotechnology-Principles and Processes
- CHAPTER 12. Biotechnology and its applications
- CHAPTER 13: Organism and Population
- CHAPTER 14: Ecology
- CHAPTER 15: Biodiversity and its Conservation.

**Subject Coordinator**