

# **Biology**

## **Class - XII**

### **Term-I Syllabus**

#### **Syllabus and Marks Distribution**

**Time : 3Hrs**

**Max. Marks : 50**

#### **Unit-VI : Reproduction**

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|--|----------|
| 1. Reproduction in Organisms               | 03 Marks |
| 2. Sexual Reproduction in Flowering Plants | 09 Marks |
| 3. Human Reproduction                      | 08 Marks |
| 4. Reproductive Health                     | 04 Marks |

#### **Unit-VII: Genetics and Evolution**

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|--|----------|
| 5. Principles of inheritance and Variation | 09 Marks |
| 6. Molecular Basis of inheritance          | 09 Marks |
| 7. Evolution                               | 05 Marks |

#### **Unit-VIII: Biology in Human Welfare**

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|---|----------|
| 9. Strategies in Enhancement in Food Production | 03 Marks |
|---|----------|

#### **Paper pattern**

1. There will be two sections in question paper Section A and Section B.
2. Section A will comprise of Twenty Questions of One mark each (MCQ/Assertion and reason/Match the column Type) (**20 X 1 = 20Marks**)
3. Section B will comprise of eleven question. i.e. Question no. 21 to 31.
4. Question no. 21 to 27 (Total 7 Questions) will be short answer type and of 2 marks each (**7 X 2 = 14 Marks**)
5. Question no. 28 & 29 (Total 2 Questions) will be long answer type and of 3 marks each (**2 X 3 = 6 Marks**)
6. Question No. 30 & 31 (Total 2 Questions) will be very long answer type and of 5 marks each (**2 X 5 = 10 Marks**)
7. There will be internal choice in Question No. 24, 26, 28 & 28.

# **Biology**

## **Class - XII**

### **Term-II Syllabus**

#### **Syllabus and Marks Distribution**

**Time : 3Hrs**

**Max. Marks : 50**

#### **Unit-VIII : Biology in Human Welfare**

8.	Human Health and Disease	09 Marks
10.	Microbes in Human Welfare	05 Marks

#### **Unit-IX: Biotechnology**

11.	Biotechnology : Principles and Processes	06 Marks
12.	Biotechnology and its applications	05 Marks

#### **Unit-X: Ecology**

13.	Organisms and Populations	08 Marks
14.	Ecosystem	07 Marks
15.	Biodiversity and Conservation	05 Marks
16.	Environmental Issues	05 Marks

#### **Paper pattern**

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3. Section B will comprise of eleven question. i.e. Question no. 21 to 31.
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