



# N. C. JINDAL PUBLIC SCHOOL

ROAD NO.-73, PUNJABI BAGH(W), NEW DELHI-110026

| Class : XII              |               | Subject : Biology                            |  | ANNUAL CURRICULUM 2026-27 |            |            | Subject Teacher (Prepared by): Menka Garg | Designation: P.G.T |  |  |
|--------------------------|---------------|--|--|---------------------------|------------|------------|---|--------------------|--|--|
| Syllabus Topic           | Academic Book | Chapter's Name                               | Chapter Topic / Sub Topic  | TERM                      | Start Date | End Date   | No.of Periods                             |                    |  |  |
| Reproduction             | Biology NCERT | Ch 1 Sexual Reproduction in flowering        | Development of male and female gametophytes  | I                         | 01-04-2026 | 04-04-2026 | 4   |                    |  |  |
|                          | Class XII     |  | Pollination, outbreeding devices, double fertilization   | I                         | 06-04-2026 | 10-04-26   | 5   |                    |  |  |
|                          |               |  |  | apomixis, polyembryony    | I          |            |   |                    |  |  |
|                          |               | Ch 2 Human Reproduction                      | Gametogenesis, menstrual cycle, embryonic development  | I                         | 13-04-2026 | 18-04-26   | 5   |                    |  |  |
|                          |               |  | Pregnancy and placenta formation   | I                         |            |            |   |                    |  |  |
|                          |               |  | Parturition. Lactation   | I                         | 20-04-2026 | 24-04-26   | 5   |                    |  |  |
| Genetics and Evolution   |               | Ch 3 Reproductive Health                     | Population explosion, birth control, MTP, STD's  | I                         | 27-04-2026 | 30-04-26   | 4   |                    |  |  |
|                          |               | Ch 4 Principles of Inheritance and Variation | Mendel's Laws, Monohybrid cross,   | I                         | 02-05-2026 | 08-05-26   | 6   |                    |  |  |
|                          |               |  | dihybrid cross, mutation, Sex determination, recombination, crossing over, mendelian disorders | I                         | 11-05-2026 | 18-05-26   | 6   |                    |  |  |
|                          |               | Ch 5 Molecular Basis of inheritance          | DNA, RNA world, replication,   | I                         | 01-07-2026 | 04-07-26   | 4   |                    |  |  |
|                          |               |  | transcription, genetic code, translation   | I                         | 06-07-2026 | 10-07-26   | 5   |                    |  |  |
|                          |               | Ch 6 Evolution                               | Origin of life, adaptive radiation, evolution  | I                         | 13-07-2026 | 18-07-26   | 6   |                    |  |  |
| Biology in Human Welfare |               |  | natural selection, Hardy-Weinberg's principle  | I                         | 20-07-2026 | 24-07-26   | 5   |                    |  |  |
|                          |               | Ch 7 Human Health and disease                | common diseases, immunity,   | I                         | 27-07-2026 | 31-07-26   | 5   |                    |  |  |
|                          |               |  | AIDS, cancer, drugs, alcohol abuse   | I                         | 01-08-2026 | 07-08-26   | 6   |                    |  |  |
| Biotechnology:           |               | Ch 8 Microbes in Human Welfare               | Microbes in household products, sewage treatment   | I                         | 10-08-2026 | 14-08-26   | 5   |                    |  |  |
|                          |               |  | bio-control and bio-fertilizer   | I                         | 17-08-2026 | 21-08-26   | 5   |                    |  |  |
|                          |               | Ch 9 Biotechnology:                          | Principles of biotechnology,   | I                         | 24-08-2026 | 27-08-26   | 3   |                    |  |  |
|                          |               | Principles and Processes                     | tools of biotechnology, rDNA technology  | I                         | 31-08-2026 | 05-09-26   | 5   |                    |  |  |
|                          |               |  | Revision   | I                         | 07-09-2026 | 11-09-26   | 4   |                    |  |  |
|                          |               |  | Half Yearly Exam   | I                         | 14-09-2026 | 28-09-26   |   |                    |  |  |

Prepared By : Menka Garg \_\_\_\_\_ Sign \_\_\_\_\_

Subject Co-ordinator : Mrs. Menka Garg \_\_\_\_\_ Sign \_\_\_\_\_





| Class : | XII(Subject : Biology)    | Periodic Test/Half Yearly/Annual Marking Scheme: 2026-2027 |            |
|---------|---------------------------|--|------------|
| S.No.   | PT /Half Yearly/Pre Board | Chapter/Topic  | Max. Marks |
| 1       | PERIODIC TEST I           | Ch1: Sexual reproduction in flowering plants               | 10         |
|         |                           | Ch2: Human reproduction                                    | 10         |
|         |                           | <b>Total</b>   | <b>20</b>  |
| 2       | PERIODIC TEST II          | Ch 3 Reproductive Health                                   | 6          |
|         |                           | Ch 4 Principles of inheritance and Variation               | 7          |
|         |                           | Ch-5 Molecular Basis of Inheritance                        | 7          |
|         |                           | <b>Total</b>   | <b>20</b>  |
| 3       | HALF YEARLY EXAM          | Unit VI Reproduction( Chapter 1,2,3)                       | 20         |
|         |                           | Unit VII Genetics and Evolution(Chapter 4,5,6)             | 25         |
|         |                           | Unit VIII Biology and Human Welfare(Ch 7,8)                | 15         |
|         |                           | Unit IX Biotechnology (Chapter 9)                          | 10         |
|         |                           | <b>Total</b>   | <b>70</b>  |
| 4       | PERIODIC TEST III         | Ch 10 Biotechnology and its Applications                   | 10         |
|         |                           | Ch 11 Organisms and Populations                            | 10         |
|         |                           | <b>Total</b>   | <b>40</b>  |
| 5       | PRE BOARD                 | Unit VI Reproduction                                       | 16         |
|         |                           | Unit VII Genetics and Evolution                            | 20         |
|         |                           | Unit VIII Biology and Human Welfare                        | 12         |
|         |                           | Unit IX Biotechnology and its Applications                 | 12         |
|         |                           | Unit X Ecology and Environment                             | 10         |
|         | <b>Total</b>              | <b>70</b>  |            |

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