

## SYLLABUS BIFURCATION

### ENGLISH CLASS- XII

| <u>DATE</u>                             | <u>BOOK NAME</u> | <u>CHAPTER NAME</u>                  |
|---|------------------|--------------------------------------|
| 1 <sup>ST</sup> – 8 <sup>TH</sup> APR   | FLAMINGO         | CH-1 THE LAST LESSON                 |
|   | GRAMMAR          | TENSE                                |
| 10 <sup>TH</sup> – 15 <sup>TH</sup> APR | VISTAS           | CH-1 THE THIRD LEVEL                 |
|   | GRAMMAR          | TENSE                                |
| 17 <sup>TH</sup> – 22 <sup>ND</sup> APR | FLANINGO         | CH-2 LOST SPRING                     |
|   | GRAMMAR          | NARRATION                            |
| 22 <sup>ND</sup> – 30 <sup>TH</sup> APR | VISTAS           | CH-2 THE TIGER KING                  |
|   | GRAMMAR          | ACTIVE PASSIVE                       |
| 1 <sup>ST</sup> – 6 <sup>TH</sup> MAY   | FLAMINGO         | POEM-1 MY MOTHER AT 66               |
|   |                  | POEM-3 KEEPING QUIET                 |
|   | GRAMMAR          | NOTICE WRITING                       |
| 8 <sup>TH</sup> – 13 <sup>TH</sup> MAY  | FLAMINGO         | POEM-4 THING OF BEAUTY               |
|   | GRAMMAR          | INVITATION WRITING                   |
| 15 <sup>TH</sup> – 20 <sup>TH</sup> MAY | VISTAS           | CH-3 JOURNEY TO THE END OF THE EARTH |
|   | GRAMMAR          | INVITATION WRITING                   |
| 22 <sup>ND</sup> - 27 <sup>TH</sup> MAY | VISTAS           | CH-4 THE ENEMY                       |
|   | GRAMMAR          | WRITING SKILL REVISION               |
| 1 <sup>ST</sup> - 8 <sup>TH</sup> JULY  | FLAMINGO         | CH-3 DEEEP WATER                     |
|   | GRAMMAR          | REPORT WRITING                       |
| 10 <sup>TH</sup> – 15 <sup>TH</sup>     | FLAMINGO         | CH-4 THE RATRAP                      |
|   | GRAMMAR          | REPORT WRITING                       |
| 17 <sup>TH</sup> – 22 <sup>ND</sup>     | FLAMINGO         | CH-5 INDIGO                          |

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| JULY                                       |   |                                |
|  | GRAMMAR                                     | LETTER WRITING                 |
| 1 <sup>ST</sup> -12 <sup>TH</sup> AUG      | VISTAS                                      | CH-5 SHOULD WIZARD LIT MOMMY   |
|  | GRAMMAR                                     | LETETR WRITING                 |
|  | FLAMINGO                                    | POEM-5 A ROADSIDE STAND        |
| 14 <sup>TH</sup> - 19 <sup>TH</sup><br>AUG | FLAMINGO                                    | CH-6 POETS AND PANCAKES        |
| <b>SEPTEMEBR</b>                           | <b>REVISION AND HALF YEARLY EXAMS</b>       |                                |
| 16 <sup>TH</sup> – 21 <sup>ST</sup><br>OCT | FLAMINGO                                    | CH-7 THE INETRVIEW             |
|  |   | POEM- 6 AUNT JENNIFER’S TIGERS |
| 25 <sup>TH</sup> -31 <sup>ST</sup><br>OCT  | VISTAS                                      | CH-6 ON THE FACE OF IT         |
| 1 <sup>ST</sup> -9 <sup>TH</sup> NOV       | FLAMINGO                                    | CH-8 GOING PLACES              |
|  | VISTAS                                      | CH-7 EVANS TRIES AND O- LEVEL  |
| 16 <sup>TH</sup> -25 <sup>TH</sup>         | VISTAS                                      | CH-8 MEMORIES OF CHILDHOOD     |
| <b>27<sup>TH</sup> NOV-<br/>ONWARDS</b>    | <b>REVISION &amp; SAMPLE PAPER PRACTICE</b> |                                |

**SYLLABUS BIFURCATION**  
**CHEMISTRY CLASS-XII**

| <b><u>MONTH</u></b> | <b><u>THEORY</u></b>  | <b><u>PRACTICAL</u></b>   |
|---------------------|---|---|
| <b><u>MARCH</u></b> |   |   |
| 1/03-7/03           | CH-1 SOLUTIONS INTRODUCTION   | KMnO <sub>4</sub> V/S MOHR'S SALT TILTRATION                                  |
| 7/03-13/03          | CONCENTRATION TERMS   |   |
| 15/03-21/03         | COLLIGATIVE PROPERTIES ,<br>ROUTT'S LAW   |   |
| 23/03-30/03         | CH-2 ELECTROCHEMISTRY<br>CONSTRUCTION OF GALVANIC<br>CELL, ELLECTRODE POTENTIAL |   |
| <b><u>APRIL</u></b> |   |   |
| 1/04-6/04           | NERNSTEQUATION , GIBBS FREE<br>ENERGY , EQUATION CONSTANT                       | ANALYSIS OF CATIONS<br>Cu <sup>2+</sup> , Ni <sup>2+</sup> , Zn <sup>2+</sup> |
| 8/04-14/04          | ELECTROLYSIS, PRODUCTS OF<br>ELECTROLUSIS.                                      |   |
| 16/04-22/04         | FARADAY'S LAW AND<br>NUMERICALS RELATED TO ITS .                                |   |
| 24/04-29/04         | CONDUCTANCE OF<br>ELECTROLYTIC SOLUTIONS AND<br>KOHLAUSCH LAW                   |   |
| <b><u>MAY</u></b>   |   |   |
| 1/05-6/05           | CH-3 CHEMICAL KINETICS<br>RATE OF RXN. RATE LAW.                                | KMnO <sub>4</sub> V/S MOHR'S<br>SALT TILTRATION                               |
| 8/05-14/05          | ZERO ORDER AND FIRST ORDER<br>RXN.  |   |
| 16/05-22/05         | REACTION MECHANISMS,<br>ACTIVATION ENERGY AND<br>COLLISION THEORY               |   |
| <b><u>JULY</u></b>  | CH-4 HALOALKANES  |   |
| 1/07-6/07           | PREPARATION OF HALOALKANES  | ANALYSIS OF ANIONS  |

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|                  | , HALOARENES, PHYSICAL PROPERTIES  | LIKE $\text{NO}_3^-$ , $\text{SO}_4^{2-}$ , $\text{Cl}^-$ , $\text{Br}^-$        |
| 8/07-14/07       | CHEMICAL PROPERTIES  |  |
| 16/07-22/07      | USES AND QUESTIONS PRACTICES   |  |
| 24/07-30/07      | CH-5 ALCOHOLS<br>METHODS OF PREPARATION<br>PHYSICAL PROPERTIES .                                   |  |
| <b>AUGUST</b>    |  |  |
| 1/08-6/08        | CHEMICAL PROPERTIES  |  |
| 8/08-14/08       | PROPERTIES OF PHENOLS AND ETHERS.  | IDENTIFICATION OF ORGANIC COMPOUNDS LIKE CARBOXYLIC ACIDS, ALDEHYDES AND KETONES |
| 16/08-22/08      | CH-6 CARBOXYLIC ACID<br>METHODS OF PREPARATION,<br>PHYSICAL PROPERTIES OF<br>ALDEHYDES AND KETONES |  |
| 24/08-30/08      | CHEMICAL PROPERTIES OF ALDEHYDES AND KETONES.  |  |
| <b>SEPTEMBER</b> |  |  |
| 1/09-6/09        | CARBOXYLIC ACIDS   |  |
| 08/09-14/09      | REVISION   |  |
| <b>OCTOBER</b>   |  |  |
| 1/10-6/10        | CH-7 AMINES  |  |
|                  | PREPARATION AND PHYSICAL PROPERTIES  | CATION ANALYSIS .  |
| 8/10-14/10       | CHEMICAL PROPERTIES  | ANION ANALYSIS   |
| 16/10-           | CH-8 BIOMOLECULES,   |  |

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|-----------------|---|--|
| 22/10           | CARBOHYDRATES   |  |
| 24/10-<br>30/10 | PROTEINS AND VITAMINS   |  |
| <b>NOVEMBER</b> |   |  |
| 1/11-6/11       | CH-9 D-BLOCK ELEMENTS<br>TRENDS IN PHYSICAL<br>PROPERTIES.        | CATION & ANION<br>ANALYSIS.                      |
| 8/11-14/11      | F-BLOCK ELEMENTS AND<br>CHEMICAL PROPERTIES TRENDS                |  |
| 16/11-<br>22/11 | CH-10 CO-ORDINATION<br>NOMENCLATURE AND BASIC<br>TERMS, ISOMERISM | MOHR'S SALT V/S<br>KMnO <sub>4</sub> FILTRATION. |
| 24/11-<br>30/11 | VALANCE BOND THEORY ,<br>CRYSTAL FIELD THEORY .                   |  |

## SYLLABUS BIFURCATION

### CLASS- XII BIOLOGY

| <u>DATE</u>                                  | <u>LESSON NAME</u>                             | <u>ACTIVITY</u>                                       |
|--|--|---|
| <b><u>MARCH</u></b>                          |  |   |
| 1 <sup>ST</sup> -15 <sup>TH</sup>            | CH-1 SEXUAL REPRODUCTION IN FLOWERING PLANTS   | PRACTICE DIAGRAM                                      |
| 16 <sup>TH</sup> -30 <sup>TH</sup>           | CH-2 HUMAN REPRODUCTION                        | TRY TO MAKE COMPLETE NCERT EXEMPLERS                  |
| <b><u>APRIL</u></b>                          |  |   |
| 1 <sup>ST</sup> -15 <sup>TH</sup>            | CH-3 REPRODUCTIVE HEALTH                       |   |
| 17 <sup>TH</sup> – 30 <sup>TH</sup>          | CH-4 PRINCIPLES OF INHERITANCE AND VARIATION   | TO SHOW MONOHYBRID AND DIHYBRID TEST CROSSES.         |
| <b><u>MAY</u></b>                            |  |   |
| 1 <sup>ST</sup> – 29 <sup>TH</sup>           | CH-5 MOLECULAR BASIS OF INHERITANCE            | TO KNOW DISCOVERY OF GENETIC MATERIAL                 |
| <b><u>JULY</u></b>                           |  |   |
| 1 <sup>ST</sup> – 20 <sup>TH</sup>           | CH-6 EVOLUTION                                 | SOLVE HARDY-WEINBERG QUASS                            |
| 21 <sup>ST</sup> JULY – 10 <sup>TH</sup> AUG | CH-7 HUMAN HEALTH AND DISEASES                 | LEARN ALL THE PROTOZOANS AND THEIR CAUSING DISEASES . |
| 11 <sup>TH</sup> – 30 <sup>TH</sup> AUG      | CH-9 MICROBES IN HUMAN WELFARE                 | MENTION THE ROLE OF CYNABACTERIA AS BIOFERTILIZERS.   |
| <b><u>SEPTEMBER</u></b>                      |  |   |
| 1 <sup>ST</sup> -23 <sup>RD</sup>            | CH-10 BIOTECHNOLOGY: PRINCIPLES AND PROCESSES. | EXPLAIN THE ACTION OF ENDONUCLEASE ECORI              |

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|---|--|--|
| <b>OCTOBER</b>                              |  |  |
| 3 <sup>RD</sup> – 21 <sup>ST</sup>          | CH-11 BIOTECHNOLOGY AND ITS APPLICATIONS | EXPLAIN THE SYNTHESIS OF GENETICALLY ENGINEERED INSULIN    |
| 23 <sup>RD</sup> OCT – 10 <sup>TH</sup> NOV | CH-12 ORGANISM AND POPULATION            | MENTION ANY TWO SIGNIFICANT ROLES PREDATION PLAY IN NATURE |
| 13 <sup>TH</sup> – 30 <sup>TH</sup> NOV     | CH-13 ECOSYSTEM                          | LIST THE FEATURE THAT MAKE A STABLE BIOLOGICAL COMMUNITY   |
| <b><u>DECEMBER</u></b>                      |  |  |
| 1 <sup>ST</sup> – 20 <sup>TH</sup> DEC      | CH-14 BIO-DIVERSIT AND CONSERVATION      |  |