



**LITERA VALLEY SCHOOL, PATNA**  
**SYLLABUS FOR THE SESSION 2018-19**

**CLASS XII (SCIENCE)**

## Subject: ENGLISH

### SYLLABUS FOR EXAMINATIONS

| EXAM                    | CHAPTER NAME   |
|-------------------------|--|
| <b>PT-1</b>             | Reading <ul style="list-style-type: none"><li>• Unseen passage for comprehension</li><li>• Unseen passage for note making and summary writing</li></ul>  |
|                         | Writing <ul style="list-style-type: none"><li>• Notices</li><li>• Posters</li><li>• Advertisements</li><li>• Business/Official Letters</li></ul>   |
|                         | Literature <ol style="list-style-type: none"><li><b>1. Flamingo</b><ul style="list-style-type: none"><li>• The Last Lesson (prose)</li><li>• Lost Spring (prose)</li><li>• Deep Water (prose)</li><li>• My Mother at Sixty-Six (poem)</li><li>• Keeping Quiet(poem)</li></ul></li><li><b>2. Vistas</b><ul style="list-style-type: none"><li>• The Tiger King (prose)</li></ul></li><li><b>3. Novel:</b> The Invisible Man by H.G. Wells</li></ol> Chapters 1-8 |
| <b>HALF YEARLY EXAM</b> | Reading <ul style="list-style-type: none"><li>• Unseen passages for comprehension</li><li>• One unseen passage for note making and summary writing</li></ul>   |
|                         | Writing <ul style="list-style-type: none"><li>Notices</li><li>Writing Formal And Informal Invitations And Replies</li><li>Advertisements</li><li>Business Letters and Official Letters</li><li>Job Application</li><li>Article Writing</li><li>Speech Writing</li></ul>  |

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| <b>HALF YEARLY EXAM<br/>(Contd.)</b> | <b>Literature</b><br><b>1. Flamingo</b> <ul style="list-style-type: none"> <li>• Indigo (prose)</li> <li>• The Rattrap (prose)</li> <li>• Going Places (prose)</li> <li>• An Elementary Classroom in a Slum (poem)</li> <li>• A Thing of Beauty (poem)</li> <li>• Aunt Jennifer's Tigers (poem)</li> </ul> <b>2. Vistas</b> <ul style="list-style-type: none"> <li>• The Enemy (prose)</li> <li>• Should Wizard Hit Mommy? (prose)</li> <li>• <b>Entire syllabus of Periodical Test 1 ( Flamingo and Vistas)</b></li> </ul> <b>3. Novel: The Invisible Man by H.G. Wells<br/>Chapters 1 -18</b> |
| <b>PRE-BOARD EXAM - 1</b>            | • <b>Entire syllabus of CBSE Class XII( English Core)</b>   |
| <b>PRE-BOARD EXAM - 2</b>            | • <b>Entire syllabus of CBSE Class XII( English Core)</b>   |
| <b>BOARD EXAMINATION</b>             | • <b>Entire syllabus of CBSE Class XII( English Core)</b>   |

**MONTH-WISE SYLLABUS BREAK UP**

| <b>MONTHS</b> | <b>BOOKS/<br/>SECTIONS</b> | <b>TOPICS</b>   |
|---------------|----------------------------|---|
| APRIL-18      | Flamingo                   | <ul style="list-style-type: none"> <li>• Prose- The Last Lesson</li> <li>• Poem- My Mother at Sixty-Six</li> <li>• Prose- Lost Spring</li> </ul>                                  |
|               | Vistas                     | <ul style="list-style-type: none"> <li>• Prose- The Tiger King</li> </ul>   |
|               | Writing Section            | <ul style="list-style-type: none"> <li>• Letter to the Editor ( giving suggestions or opinion on issues of public interest)</li> <li>• Notice Writing</li> </ul>                  |
|               | Novel                      | <ul style="list-style-type: none"> <li>• Chapters- 1 to 4</li> </ul>  |
| MAY-18        | Reading Section            | <ul style="list-style-type: none"> <li>• Note Making</li> </ul>   |
|               | Writing Section            | <ul style="list-style-type: none"> <li>• Advertisements (To- Let, For Sale, Tuitions, Lost and Found, Travel and Tours, Matrimonial, etc)</li> <li>• Designing Posters</li> </ul> |
|               | Novel                      | <ul style="list-style-type: none"> <li>• Chapters- 5 to 8</li> </ul>  |
| JUNE -18      | Flamingo                   | <ul style="list-style-type: none"> <li>• Poem- Keeping Quiet</li> <li>• Prose- Deep Water</li> </ul>  |
|               | Writing Section            | <ul style="list-style-type: none"> <li>• Writing Formal and Informal Invitations and Replies( Affirmation and Denial)</li> </ul>  |
| JULY-18       | Flamingo                   | <ul style="list-style-type: none"> <li>• Prose- The Rattrap</li> <li>• Prose- Indigo</li> <li>• Poem- A Thing of Beauty</li> </ul>  |

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|--------------------|---|---|
|                    | Vistas  | <ul style="list-style-type: none"> <li>• Prose-The Enemy</li> </ul>   |
|                    | Novel   | <ul style="list-style-type: none"> <li>• Chapters -9 to 12</li> </ul>   |
|                    | Writing Section                                     | <ul style="list-style-type: none"> <li>• Business/Official Letters-(for making enquiries, registering complaints, asking for and giving information, placing orders and sending replies)</li> </ul> |
| AUGUST-18          | Flamingo  | <ul style="list-style-type: none"> <li>• Prose- Going Places</li> <li>• Poem- An Elementary School Classroom in a Slum</li> <li>• Poem- Aunt Jennifer's Tigers</li> </ul>                           |
|                    | Vistas  | <ul style="list-style-type: none"> <li>• Prose- Should Wizard Hit Mommy?</li> </ul>   |
|                    | Writing Section                                     | <ul style="list-style-type: none"> <li>• Job Application</li> <li>• Article and Speech</li> </ul>   |
| SEPTEMBER - 18     | Novel   | <ul style="list-style-type: none"> <li>• Chapters- 13 to 18</li> </ul>  |
|                    | Term I  | <ul style="list-style-type: none"> <li>• Revision for Term I</li> </ul>   |
| OCTOBER-18         | <b>HALF YEARLY EXAMINATION</b>                      |   |
|                    | Vistas:   | <ul style="list-style-type: none"> <li>• Prose- On the Face of It</li> <li>• Prose- Evan Tries an O-Level</li> </ul>  |
|                    | Writing Section                                     | <ul style="list-style-type: none"> <li>• Debate</li> </ul>  |
| NOVEMBER-18        | Novel   | <ul style="list-style-type: none"> <li>• Chapters- 19 to 28</li> </ul>  |
|                    | Vistas  | <ul style="list-style-type: none"> <li>• Prose-Memories of Childhood</li> </ul>   |
|                    | Writing Section                                     | <ul style="list-style-type: none"> <li>• Report, Narration</li> </ul>   |
|                    | REVISION<br>SAMPLE PAPERS/QUESTION PAPER DISCUSSION |   |
| <b>DECEMBER-18</b> | REVISION & PREBOARD 1                               |   |
| <b>JANUARY -19</b> | PREBOARD 2  |   |
| <b>FEBRUARY-19</b> | 4. BOARD PREPARATION                                |   |

## **Subject: MATHS**

| <b>SYLLABUS FOR EXAMINATIONS</b> |  |
|----------------------------------|--|
| <b>EXAM</b>                      | <b>CHAPTER NAME</b>  |
| PT-1                             | 1. Relations and Functions<br>2. Inverse Trigonometric Functions<br>3. Matrices<br>4. Determinants<br>5. Continuity and Differentiability<br>6 . Application of Derivatives<br>7. Integrals<br>8. Application of Integrals |

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|-------------------------------------|---|
| <b>HALF YEARLY EXAM</b>             | 1. Relations and Functions<br>2. Inverse Trigonometric Functions<br>3. Matrices<br>4. Determinants<br>5. Continuity and Differentiability<br>6 . Application of Derivatives<br>7. Integrals<br>8. Application of Integrals<br>9. Differential Equations<br>10. Vector Algebra |
| <b>PRE-BOARD EXAM</b>               | Entire Syllabus   |
| <b>MONTH-WISE SYLLABUS BREAK UP</b> |   |
| <b>MONTH</b>                        | <b>CHAPTER/ LESSON NUMBER AND NAME</b>  |
| APRIL-18                            | 1. Relations and Functions<br>2. Inverse Trigonometric Functions  |
| MAY-18                              | 3. Matrices<br>4. Determinants  |
| JUNE-18                             | 5. Continuity and Differentiability   |
| JULY-18                             | 6 Application of Derivatives<br>7 Integrals   |
| AUGUST-18                           | 7Integrals<br>8Application of Integrals   |
| SEPTEMBER-18                        | 9 Differential Equations<br>10 Vector Algebra   |
| OCTOBER-18                          | 11 3 D Geometry   |
| NOVEMBER-18                         | 12 Linear Programming<br>13 Probability   |
| DECEMBER-18                         | Revision / EXAM   |
| JANUARY-19                          | Revision  |

## **Subject: PHYSICS**

| <b>SYLLABUS FOR EXAMINATIONS</b> |  |
|----------------------------------|--|
| <b>EXAM</b>                      | <b>CHAPTER NAME</b>  |
| <b>PT-1</b>                      | <b>Unit I: Electrostatics</b><br>Chapter-1: Electric Charges and Fields, Chapter-2: Electrostatic Potential and Capacitance<br><b>Unit II: Current Electricity</b><br>Chapter-3: Current Electricity.<br><b>Unit III: Magnetic Effect of Current &amp; Magnetism</b><br>Chapter-4: Moving Charges and Magnetism. |

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| <b>HALF YEARLY EXAM</b>             | <p><b>Unit II: Current Electricity</b><br/>Chapter-3: Current Electricity.</p> <p><b>Unit III: Magnetic Effect of Current &amp; Magnetism</b><br/>Chapter-4: Moving Charges and Magnetism. Chapter-5: Magnetism and Matter</p> <p><b>Unit-IV Electromagnetic Induction &amp; Alternating Current</b><br/>Chapter-6: Electromagnetic Induction<br/>Chapter-7: Alternating Current</p> <p><b>Unit-V Electromagnetic Waves</b><br/>Chapter-8: Electromagnetic Waves</p> <p><b>Unit-VI Optics</b><br/>Chapter-9: Ray Optics and Optical Instruments</p>   |
| <b>PRE-BOARD EXAM</b>               | <p><b>Unit I: Electrostatics</b><br/>Chapter-1: Electric Charges and Fields, Chapter-2: Electrostatic Potential and Capacitance</p> <p><b>Unit II: Current Electricity</b><br/>Chapter-3: Current Electricity.</p> <p><b>Unit III: Magnetic Effect of Current &amp; Magnetism</b><br/>Chapter-4: Moving Charges and Magnetism. Chapter-5: Magnetism and Matter</p> <p><b>Unit-IV Electromagnetic Induction &amp; Alternating Current</b><br/>Chapter-6: Electromagnetic Induction<br/>Chapter-7: Alternating Current</p> <p><b>Unit-V Electromagnetic Waves</b><br/>Chapter-8: Electromagnetic Waves</p> <p><b>Unit-VI Optics</b><br/>Chapter-9: Ray Optics and Optical Instruments<br/>Chapter-10: Wave Optics</p> <p><b>Unit-VII Dual Nature of Matter</b><br/>Chapter-11: Dual Nature of Radiation and Matter</p> <p><b>Unit-VIII Atoms &amp; Nuclei</b><br/>Chapter-12: Atoms<br/>Chapter-13: Nuclei</p> <p><b>Unit- IX Electronic Devices</b><br/>Chapter-14: Semiconductor Electronics</p> <p><b>Unit-X Communication Systems</b><br/>Chapter-15: Communication Systems</p> |
| <b>MONTH-WISE SYLLABUS BREAK UP</b> |   |
| MONTH                               | CHAPTER/ LESSON NUMBER AND NAME   |
| APRIL-18                            | <p><b>Electrostatics :</b><br/>Chapter-1: Electric Charges and Fields.<br/>Chapter-2: Electrostatic Potential and Capacitance.</p>  |
| MAY-18                              | <p><b>Electrostatics :</b><br/>Chapter-2: Electrostatic Potential and Capacitance.</p> <p><b>Current Electricity :</b><br/>Chapter-3: Current Electricity.</p>  |

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| JUNE-18      | <b>Current Electricity :</b><br>Chapter-3: Current Electricity.<br><b>Magnetic Effect of Current and Magnetism :</b><br>Chapter-4: Moving Charges and Magnetism  |
| JULY-18      | <b>Magnetic Effect of Current and Magnetism :</b><br>Chapter-4: Moving Charges and Magnetism.<br>Chapter-5: Magnetism and Matter.<br><b>Electromagnetic Induction and Alternating Current</b><br>Chapter-6: Electromagnetic Induction.         |
| AUGUST-18    | <b>Electromagnetic Induction and Alternating Current</b><br>Chapter-7: Alternating Current.<br><b>Electromagnetic Waves</b><br>Chapter-8: Electromagnetic Waves.<br><b>Optics</b><br>Chapter-9: Ray Optics and Optical Instruments.            |
| SEPTEMBER-18 | <b>Optics</b><br>Chapter-9: Ray Optics and Optical Instruments.<br>Chapter-10: Wave Optics.<br><b>Dual Nature of Radiation and Matter</b><br>Chapter-11: Dual Nature of Radiation and Matter.<br><b>Atoms and Nuclei</b><br>Chapter-12: Atoms. |
| OCTOBER-18   | <b>Atoms and Nuclei</b><br>Chapter-13: Nuclei.<br><b>Electronic Devices</b><br>Chapter-14: Semiconductor Electronics: Materials, Devices and Simple Circuits   |
| NOVEMBER-18  | <b>Communication Systems</b><br>Chapter-15: Communication Systems  |
| DECEMBER-18  | REVISION   |
| JANUARY-19   | Pre-Boards   |

### Subject: CHEMISTRY

| <b>SYLLABUS FOR EXAMINATIONS</b> |   |
|----------------------------------|---|
| <b>EXAM</b>                      | <b>CHAPTER NAME</b>   |
| PT-1                             | Chapter 1 The Solid State<br>Chapter 2 Solutions<br>Chapter 3 Electrochemistry<br>Chapter 4 Chemical Kinetics   |
| HALF YEARLY EXAM                 | Chapter 1 The Solid State<br>Chapter 2 Solutions<br>Chapter 3 Electrochemistry<br>Chapter 4 Chemical Kinetics<br>Chapter 5 Surface Chemistry<br>Chapter 6 General Principles and Process of Isolation of Elements<br>Chapter 7 The p-Block Elements |
| FINAL EXAM                       | Chapter 1 The Solid State<br>Chapter 2 Solutions<br>Chapter 3 Electrochemistry  |

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|--|---|
|  | Chapter 4 Chemical Kinetics<br>Chapter 5 Surface Chemistry<br>Chapter 6 General Principles and Process of Isolation of Elements<br>Chapter 7 The p-Block Elements<br>Chapter 8 The d- and f- Block Elements<br>Chapter 9 Coordination Compounds<br>Chapter 10 Haloalkanes and Haloarenes<br>Chapter 11 Alcohols, Phenols, and Ethers<br>Chapter 12 Aldehydes, Ketones, and Carboxylic Acids<br>Chapter 13 Organic Compounds Containing Nitrogen (Amines)<br>Chapter 14 Biomolecules<br>Chapter 15 Polymers<br>Chapter 16 Chemistry in Everyday Life |
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### MONTH-WISE SYLLABUS BREAK UP

| MONTH        | CHAPTER/ LESSON NUMBER AND NAME  |
|--------------|--|
| APRIL-18     | Solid State, Solution  |
| MAY-18       | Electrochemistry   |
| JUNE-18      | Chemical Kinetics  |
| JULY-18      | Surface Chemistry<br>General Principle of Isolation of Elements,<br>The p-Block Elements   |
| AUGUST-18    | The d- and f- Block Elements<br>Co-Ordination Compounds                                    |
| SEPTEMBER-18 | Haloalkanes and Haloarenes<br>Alcohols, Phenols, and Ethers                                |
| OCTOBER-18   | Aldehydes, Ketones, and Carboxylic Acids<br>Organic Compounds Containing Nitrogen (Amines) |
| NOVEMBER-18  | Bio Molecule<br>Polymers<br>Chemistry In Every Day Life                                    |
| DECEMBER-18  | Revision   |
| JANUARY-19   |  |

## Subject: BIOLOGY

### SYLLABUS FOR EXAMINATIONS

| EXAM | CHAPTER NAME  |
|------|---|
| PT-1 | <ul style="list-style-type: none"> <li>• Reproduction in organism</li> <li>• Sexual reproduction in plants</li> <li>• Human reproduction</li> <li>• Reproductive health</li> <li>• Molecular basis of inheritance(dna,</li> <li>• Rna world,replication ,transcription)</li> <li>• Molecular basis of inheritance (complete)</li> </ul> |



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|                                     | <ul style="list-style-type: none"> <li>• Principle of inheritance(mendel's law)</li> <li>• Principle of inheritance (complete)</li> <li>• Biotechnology (principle &amp; process)</li> <li>• Biotechnology(application)</li> <li>• Human health and disease</li> <li>• Enhancement of food production</li> <li>• Microbes in human welfare</li> </ul>   |
| HALF YEARLY EXAM                    | <ul style="list-style-type: none"> <li>• Reproduction in organism</li> <li>• Sexual reproduction in plants</li> <li>• Human reproduction</li> <li>• Reproductive health</li> <li>• Molecular basis of inheritance(dna, Rna world,replication ,transcription)</li> <li>• Molecular basis of inheritance (complete)</li> <li>• Principle of inheritance(mendel's law)</li> <li>• Principle of inheritance (complete)</li> <li>• Biotechnology (principle &amp; process)</li> <li>• Biotechnology(application)</li> <li>• Human health and disease</li> <li>• Enhancement of food production</li> <li>• Microbes in human welfare</li> <li>• Evolution</li> <li>• Organism &amp; population</li> </ul> |
| PRE-BOARD EXAMS                     | Entire syllabus   |
| <b>MONTH-WISE SYLLABUS BREAK UP</b> |   |
| <b>MONTH</b>                        | <b>CHAPTER/ LESSON NUMBER AND NAME</b>  |
| APRIL-18                            | <ul style="list-style-type: none"> <li>• Reproduction in organism</li> <li>• Sexual reproduction in plants</li> <li>• Human reproduction</li> </ul>   |
| MAY-18                              | <ul style="list-style-type: none"> <li>• Reproductive health</li> <li>• Molecular basis of inheritance(dna, Rnaworld,replication ,transcription)</li> </ul>   |
| JUNE-18                             | <ul style="list-style-type: none"> <li>• Molecular basis of inheritance (complete)</li> <li>• Principle of inheritance(mendel's law)</li> </ul>   |
| JULY-18                             | <ul style="list-style-type: none"> <li>• Principle of inheritance (complete)</li> <li>• Biotechnology (principle &amp; process)</li> <li>• Biotechnology(application)</li> </ul>  |
| AUGUST-18                           | <ul style="list-style-type: none"> <li>• Human health and disease</li> <li>• Enhancement of food production</li> <li>• Microbes in human welfare</li> </ul>   |
| SEPTEMBER-18                        | <ul style="list-style-type: none"> <li>• Evolution</li> <li>• Organism &amp; population</li> </ul>  |
| OCTOBER-18                          | <ul style="list-style-type: none"> <li>• Ecosystem</li> <li>• Environmental issues (introduction)</li> </ul>  |
| NOVEMBER-18                         | <ul style="list-style-type: none"> <li>• Environmental issues(complete)</li> <li>Biodiversity and conservation</li> </ul>   |
| DECEMBER-18                         |   |
| JANUARY-19                          |   |

## Subject: PHYSICAL EDUCATION

| <b>SYLLABUS FOR EXAMINATIONS</b>    |   |
|-------------------------------------|---|
| <b>EXAM</b>                         | <b>CHAPTER NAME</b>   |
| PT-1                                | <ul style="list-style-type: none"> <li>* Planning in Sports</li> <li>*Sports and Nutrition</li> <li>* Yoga and Lifestyle</li> <li>* Physical Education and Sports for Differently Abled</li> </ul>  |
| HALF YEARLY EXAM                    | <ul style="list-style-type: none"> <li>* Planning in Sports</li> <li>*Sports and Nutrition</li> <li>* Yoga and Lifestyle</li> <li>* Physical Education and Sports for Differently Abled</li> <li>*Children &amp; Sports</li> <li>*Women and Sports</li> </ul>   |
| PRE-BOARD EXAM                      | <ul style="list-style-type: none"> <li>* Planning in Sports</li> <li>*Sports and Nutrition</li> <li>* Yoga and Lifestyle</li> <li>* Physical Education and Sports for Differently Abled</li> <li>*Children &amp; Sports</li> <li>*Women and Sports</li> <li>*Test and Measurement in Sports</li> <li>*Physiology &amp; Sports</li> <li>*Sports Medicine</li> <li>* Kinesiology, Biomechanics and Sports</li> <li>* Psychology and Sports</li> <li>* Training in Sports</li> </ul> |
| <b>MONTH-WISE SYLLABUS BREAK UP</b> |   |
| <b>MONTH</b>                        | <b>CHAPTER/ LESSON NUMBER AND NAME</b>  |
| APRIL-18                            | Unit-1::Planning in Sports<br>Unit-2::Sports and Nutrition  |
| MAY-18                              | Unit-3::Yoga and Lifestyle  |
| JUNE-18                             | Unit-4::Physical Education and Sports for Differently Abled   |
| JULY-18                             | Unit-5::Children and Sports<br>Unit-6:: Women and Sports  |
| AUGUST-18                           | Unit-7:: Test and Measurement in Sports<br>Unit-8:: Physiology and Sports   |
| SEPTEMBER-18                        | Unit-9:: Sports Medicin<br>Unit-10:: Kinesiology, Biomechanics and Sports(Begin)  |
| OCTOBER-18                          | Unit-10:: Kinesiology, Biomechanics and Sports  |

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| NOVEMBER-18 | Unit-11:: Psychology and Sports<br>Unit-12:: Training in Sports |
| DECEMBER-18 | REVISION FOR PRE-BOARD=1 EXAMINATION                            |

**Subject: LEGAL STUDIES**

| <b>SYLLABUS FOR EXAMINATIONS</b>    |  |
|-------------------------------------|--|
| <b>EXAM</b>                         | <b>CHAPTER NAME</b>  |
| PT-1                                | UNIT 1 Judiciary<br>UNIT 2 Topics of Law<br>A. Law of Property<br>B. Law of Contracts<br>C. Law of Torts<br>D. Introduction to Criminal Laws in India<br>E. Administrative Law<br>UNIT 3 Arbitration, Tribunal Adjudication and Alternative Dispute Resolution<br>UNIT 4 Human Rights in India                                     |
| HALF YEARLY EXAM                    | UNIT 1 Judiciary<br>UNIT 2 Topics of Law<br>A. Law of Property<br>B. Law of Contracts<br>C. Law of Torts<br>D. Introduction to Criminal Laws in India<br>E. Administrative Law<br>UNIT 3 Arbitration, Tribunal Adjudication and Alternative Dispute Resolution<br>UNIT 4 Human Rights in India<br>UNIT 5 Legal Profession in India |
| PRE-BOARD EXAM                      | Entire syllabus  |
| <b>MONTH-WISE SYLLABUS BREAK UP</b> |  |
| <b>MONTH</b>                        | <b>CHAPTER/ LESSON NUMBER AND NAME</b>   |
| APRIL-18                            | UNIT 1 Judiciary<br>UNIT 2 Topics of Law<br>A. Law of Property<br>B. Law of Contracts  |
| MAY-18                              | C. Law of Torts  |
| JUNE-18                             | D. Introduction to Criminal Laws in India  |
| JULY-18                             | E. Administrative Law  |

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|              | UNIT 3 Arbitration, Tribunal Adjudication and Alternative Dispute Resolution |
| AUGUST-18    | UNIT 4 Human Rights in India   |
| SEPTEMBER-18 | UNIT 5 Legal Profession in India   |
| OCTOBER-18   | UNIT 6 Legal Services  |
| NOVEMBER-18  | UNIT 7 International Context   |
| DECEMBER-18  | REVISION AND PRE-BOARD   |
| JANUARY-19   | REVISION AND PRE-BOARD   |

## **Subject: COMPUTER SCIENCE**

| <b>SYLLABUS FOR EXAMINATIONS</b>                |  |
|---|--|
| <b>EXAM</b>                                     | <b>CHAPTER NAME</b>  |
| PT-1  | *Revision of Class XI<br>* Object Oriented Programming in C++<br>* Function Overloading<br>* Class and Object<br>* Constructor and Destructor<br>* Inheritance |
| HALF YEARLY EXAM                                | <b>Portion of Periodic Test 1 and</b><br>* Data and File Handling<br>* Pointer<br>* Array and Linked List<br>* Database Concept<br>* SQL                       |
| PRE-BOARD EXAM                                  | <b>Portion of Half-Yearly and</b><br>* Boolean Algebra<br>* Communication and Network Concept<br>(Full Syllabus)   |
| <b>Month-Wise Syllabus Break Up (Computers)</b> |  |
| MONTH   | Unit 1- Revision of Class XI<br>Unit 2- Object Oriented Programming in C++)  |
| APRIL-18  | Unit 3- Function Overloading<br>Unit 4- Class and Object<br>Unit 5- Constructor and Destructor   |
| MAY-18  | Unit 6- Inheritance  |
| JUNE-18   | Unit 7- Data and File Handling<br>Unit 8- Pointer  |

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|--------------|--|
| JULY-18      | Unit 9- Array and Linked List  |
| AUGUST-18    | Unit 10- Database Concept<br>Unit 11- SQL                                      |
| SEPTEMBER-18 | Unit 12- Boolean Algebra<br>Unit 13- Communication and Network Concept         |
| OCTOBER-18   | Unit 9 (IT Applications)<br>Unit 10 (Societal Impact of IT)                    |
| NOVEMBER-18  | Unit 1- Revision of Class XI<br>Unit 2- Object Oriented<br>Programming in C++) |
| DECEMBER-18  | Revision For Annual Examination  |
| JANUARY-19   | Revision For Annual Examination  |

### **Subject: ECONOMICS**

| <b>SYLLABUS FOR EXAMINATIONS</b> |  |
|----------------------------------|--|
| <b>EXAM</b>                      | <b>CHAPTER NAME</b>  |
| PT-1                             | <u>Micro Economics</u><br>Unit-1: Introduction: Meaning and Definition of Economics, Production Possibility Curve, Opportunity Cost<br><br>Unit-II: Consumer's Equilibrium and Demand: Consumer Equilibrium and Theory of Demand<br><u>Macro Economics:</u><br>Unit-1: Introduction: National Income and Related Aggregates<br>Unit-II: <u>Micro Economics:</u><br>Elasticity of Demand.<br><u>Micro Economics: Unit-III</u><br>Producer Behaviour and Supply:<br>Production Function<br><u>Micro Economics: Unit-III</u><br>Concept of Cost<br>Concept of Revenue<br><u>Macro Economics: Unit-I &amp; II</u><br>National Income and Related Aggregates, Money and Banking<br><u>Micro Economics: Unit-III</u><br>Producer's Equilibrium<br>Theory of Supply: Law of Supply and Elasticity of Supply |

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|-------------------------------------|---|
|                                     | <p><u>Macro Economics: Unit-III-Determination of Income and Employment- Aggregate Demand Aggregate Supply and Related Concepts</u></p>  |
| HALF YEARLY EXAM                    | <p><u>Micro Economics</u><br/>Unit-1: Introduction: Meaning and Definition of Economics, Production Possibility Curve, Opportunity Cost</p> <p>Unit-II: Consumer's Equilibrium and Demand: Consumer Equilibrium and Theory of Demand</p> <p><u>Macro Economics:</u><br/>Unit-1: Introduction: National Income and Related Aggregates<br/>Unit-II: <u>Micro Economics:</u><br/>Elasticity of Demand.<br/><u>Micro Economics: Unit-III</u><br/>Producer Behaviour and Supply: Production Function<br/><u>Micro Economics: Unit-III</u><br/>Concept of Cost<br/>Concept of Revenue<br/><u>Macro Economics: Unit-I &amp; II</u><br/>National Income and Related Aggregates, Money and Banking<br/><u>Micro Economics: Unit-III</u><br/>Producer's Equilibrium<br/>Theory of Supply: Law of Supply and Elasticity of Supply<br/><u>Macro Economics: Unit-III-Determination of Income and Employment- Aggregate Demand Aggregate Supply and Related Concepts</u><br/><u>Micro Economics-Unit-IV</u> : Forms of market and Price Determination<br/>Main Market Forms<br/><u>Macro Economics- Unit- III:</u><br/>Income Determination and Multiplier<br/>Excess Demand and Deficient Demand<br/><u>Micro economics-Unit-IV:</u><br/>Price Determination<br/><u>Macro Economics-Unit-IV:</u><br/>Government Budget and the Economy.<br/>Balance of Payments:<br/>Foreign Exchange Rate</p> |
| PRE-BOARD EXAM                      | Entire syllabus as per CBSE   |
| <b>MONTH-WISE SYLLABUS BREAK UP</b> |   |

| MONTH        | CHAPTER/ LESSON NUMBER AND NAME   |
|--------------|---|
| APRIL-18     | <u>Micro Economics</u><br>Unit-1: Introduction: Meaning and Definition of Economics, Production Possibility Curve, Opportunity Cost<br><br>Unit-II: Consumer's Equilibrium and Demand: Consumer Equilibrium and Theory of Demand<br><u>Macro Economics:</u><br>Unit-1: Introduction: National Income and Related Aggregates |
| MAY-18       | Unit-II: <u>Micro Economics:</u><br>Elasticity of Demand.   |
| JUNE-18      | <u>Micro Economics: Unit-III</u><br>Producer Behaviour and Supply:<br>Production Function   |
| JULY-18      | <u>Micro Economics: Unit-III</u><br>Concept of Cost<br>Concept of Revenue<br><u>Macro Economics: Unit-I &amp; II</u><br>National Income and Related Aggregates, Money and Banking   |
| AUGUST-18    | <u>Micro Economics: Unit-III</u><br>Producer's Equilibrium<br>Theory of Supply: Law of Supply and Elasticity of Supply<br><u>Macro Economics: Unit-III-</u> Determination of Income and Employment- Aggregate Demand Aggregate Supply and Related Concepts  |
| SEPTEMBER-18 | <u>Micro Economics-Unit-IV</u> : Forms of market and Price Determination<br>Main Market Forms<br><u>Macro Economics- Unit- III:</u><br>Income Determination and Multiplier<br>Excess Demand and Deficient Demand.   |
| OCTOBER-18   | <u>Micro economics-Unit-IV:</u><br>Price Determination<br>Macro Economics-Unit-IV:<br>Government Budget and the Economy.  |
| NOVEMBER-18  | <u>Macro Economics-Unit-IV:</u><br>Balance of Payments:<br>Foreign Exchange Rate  |
| DECEMBER-18  | Revision for Pre-Board-I<br>Pre-Board Examination-I   |
| JANUARY-19   | Pre-Board-II Examination  |



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