



**CLASS XI – CBSE CURRICULUM 2026 – 2027**

| <b>SUBJECT</b>                | <b>CHAPTERS /UNITS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>ENGLISH CORE<br/>(301)</b> | <b>Reading Skills Creative Writing Skills Literature</b><br><b>– Hornbill:</b><br>1. The Portrait of a Lady<br>2. A Photograph<br>3. We're Not Afraid to Die... if We Can All Be Together<br>4. Discovering Tut: The Saga Continues<br>5. The Laburnum Top<br>6. The Voice of the Rain<br>7. Childhood<br>8. The Adventure<br>9. Silk Road<br>10. Father to son<br><b>Snapshots:</b><br>1. The Summer of the Beautiful White Horse<br>2. The Address<br>3. Mother's Day<br>4. Birth<br>5. The Tale of Melon City |
| <b>PHYSICS<br/>(042)</b>      | 1. Units and Measurements<br>2. Motion in a Straight Line<br>3. Motion in a Plane<br>4. Laws of Motion<br>5. Work, Energy and Power<br>6. System of Particles and Rotational Motion<br>7. Gravitation<br>8. Mechanical Properties of Solids<br>9. Mechanical Properties of Fluids<br>10. Thermal Properties of Matter<br>11. Thermodynamics<br>12. Kinetic Theory<br>13. Oscillations<br>14. Waves                                                                                                               |
| <b>CHEMISTRY<br/>(043)</b>    | 1. Some Basic Concepts of Chemistry<br>2. Structure of Atom<br>3. Classification of Elements and Periodicity in Properties<br>4. Chemical Bonding and Molecular Structure                                                                                                                                                                                                                                                                                                                                        |

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|                                   | 5. Thermodynamics<br>6. Equilibrium<br>7. Redox Reactions<br>8. Organic Chemistry – Some Basic Principles and Techniques<br>9. Hydrocarbons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>BIOLOGY<br/>(044)</b>          | 1. The Living World<br>2. Biological Classification<br>3. Plant Kingdom<br>4. Animal Kingdom<br>5. Morphology of Flowering Plants<br>6. Anatomy of Flowering Plants<br>7. Structural Organisation in Animals<br>8. Cell: The Unit of Life<br>9. Biomolecules<br>10. Cell Cycle and Cell Division<br>11. Photosynthesis in Plants<br>12. Respiration in Plants<br>13. Plant Growth and Development<br>14. Breathing and Exchange of Gases<br>15. Body Fluids and Circulation<br>16. Excretory Products and their Elimination<br>17. Locomotion and Movement<br>18. Neural Control and Coordination<br>19. Chemical Coordination and Integration |
| <b>COMPUTER SCIENCE<br/>(083)</b> | <b>Unit 1 – Computer Systems and Organisation</b><br>1. Computer System<br>2. Software and Operating System<br>3. Boolean Logic<br>4. Number Systems and Encoding Schemes<br><b>Unit 2 – Computational Thinking and Programming – I</b><br>1. Introduction to Problem Solving<br>2. Python Programming Basics-Data Types, Operators & Expressions ,Input and Output<br>3. Flow of Control<br>4. Strings<br>5. Lists<br>6. Tuples<br>7. Dictionaries<br><b>Unit 3 – Society, Law and Ethics</b><br>1. Digital Footprint<br>2. Digital Society and Netiquette<br>3. Cyber Safety                                                                 |

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|                                              | 4. Cybercrime<br>5. Intellectual Property Rights<br>6. Ethical Issues in Computing<br>Unit 3: Society, Law and Ethics                                                                                                                                                                                                                                                                                                                       |
| <b>MATHEMATICS<br/>(041)</b>                 | 1. Sets<br>2. Relations and Functions<br>3. Trigonometric Functions<br>4. Complex Numbers and Quadratic Equations<br>5. Linear Inequalities<br>6. Permutations and Combinations<br>7. Binomial Theorem<br>8. Sequences and Series<br>9. Straight Lines<br>10. Conic Sections<br>11. Introduction to Three-Dimensional Geometry<br>12. Limits and Derivatives<br>13. Statistics<br>14. Probability                                           |
| <b>PSYCHOLOGY<br/>(037)</b>                  | 1. What is Psychology?<br>2. Methods of Enquiry in Psychology<br>3. Human Development<br>4. Sensory, Attentional and Perceptual Processes<br>5. Learning<br>6. Human Memory<br>7. Thinking<br>8. Motivation and Emotion                                                                                                                                                                                                                     |
| <b>ARTIFICIAL<br/>INTELLIGENCE<br/>(843)</b> | <b>Part A – Employability Skills</b><br>1. Communication Skills<br>2. Self-Management Skills<br>3. ICT Skills<br>4. Entrepreneurial Skills<br>5. Green Skills<br><b>Part B – Subject Specific Skills</b><br>1. Introduction to Artificial Intelligence<br>2. AI Project Cycle<br>3. Introduction to Python<br>4. Data Literacy<br>5. Machine Learning<br>6. Computer Vision<br>7. Natural Language Processing<br>8. Evaluation of AI Models |
| <b>ACCOUNTANCY<br/>(055)</b>                 | 1. Introduction to Accounting<br>2. Theory Base of Accounting<br>3. Recording of Business Transactions – I                                                                                                                                                                                                                                                                                                                                  |

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|                                                         | 4. Recording of Business Transactions – II<br>5. Bank Reconciliation Statement<br>6. Trial Balance and Rectification of Errors<br>7. Depreciation, Provisions and Reserves<br>8. Financial Statements – I<br>9. Financial Statements – II<br>10. Accounts from Incomplete Records                                                                                                                                                                   |
| <b>BUSINESS STUDIES (BST)<br/>(054)</b>                 | 1. Nature and Purpose of Business<br>2. Forms of Business Organisation<br>3. Public, Private and Global Enterprises<br>4. Business Services<br>5. Emerging Modes of Business<br>6. Social Responsibility of Business and Business Ethics<br>7. Sources of Business Finance<br>8. Small Business<br>9. Internal Trade<br>10. International Business                                                                                                  |
| <b>ECONOMICS<br/>(030)</b>                              | <b>Part A – Statistics for Economics</b><br>1. Introduction<br>2. Collection of Data<br>3. Organisation of Data<br>4. Presentation of Data<br>5. Measures of Central Tendency<br>6. Correlation<br>7. Introduction to Index Numbers<br><b>Part B – Introductory Microeconomics</b><br>1. Introduction<br>2. Theory of Consumer Behaviour<br>3. Production and Costs<br>4. The Theory of the Firm under Perfect Competition<br>5. Market Equilibrium |
| <b>FMM – FINANCIAL<br/>MARKETS MANAGEMENT<br/>(805)</b> | 1. Market and Financial instruments<br>2. Primary and secondary market<br>3. Mutual funds products and features<br>4. ETF's, Debt and Liquid Funds<br>5. Taxation and Regulation<br>6. Quantitative Evaluation of mutual funds schemes                                                                                                                                                                                                              |
| <b>APPLIED MATHEMATICS<br/>(241)</b>                    | <b>Part A – Applied Mathematics</b><br>1. Numbers, Quantification and Numerical Applications<br>2. Algebra<br>3. Mathematical Reasoning                                                                                                                                                                                                                                                                                                             |

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|  | <p>4. Calculus</p> <p>5. Probability</p> <p><b>Part B – Descriptive Statistics</b></p> <p>6. Descriptive Statistics</p> <p>7. Financial Mathematics</p> <p>8. Coordinate Geometry</p> <p>9. Inferential Statistics / relevant statistical applications</p> |
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