

# MAJOR EXAM SYLLABUS [Morning]

## CLASS-6TH-A & B

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| <b>S.St.</b>     | <b>History</b> -The Earliest Cities-The Harappan Civilization, The Vedic Period, The Early States-Janapadaas and Mahajanapadas, Emergence of New Ideas and Religions, The First Empire and the Great Emperor, Ashoka, Life in Villages and Towns, India after the Mauryan Period, India from the 4th Century to the 7th Century, Culture and Science in the Ancient India,<br><b>Political</b> -Key Elements of a Democracy, Rural Local Government-Panchayati Raj, Rural Administration, Urban Local Government, Rural Livelihoods, Urban Livelihoods<br><b>Geography</b> -Major Domains (spheres) of the Earth, Major landforms of the Earth, India : Our Motherland, India : Physical Features, India : Climate, India : Natural Vegetation and Wildlife |
| <b>English</b>   | Sentences, Nouns, Pronouns, Adjectives, Writing a Message, Verbs, Adverbs, Prepositions, Essay Writing, Determiners, Where Do All Teachers Go?, Conjunctions, Who I Am?, The Wonderful Words, Tenses, Words Often Confused, Synonyms and Antonyms, Interjection, Comprehension, Idioms and Phrasal Verbs, Active-Passive Voice, Fair Play, A Game of Chance, Vocation, Direct-Indirect Speech, Letter Writing, Desert Animals, Whatif, Subject-Verb Concord, Punctuation  |
| <b>Maths</b>     | Playing with numbers, Integers, Fractions, Decimals, Data handling, Mensuration, Introduction to algebra, Ratio and proportion, Symmetry, Practical geometry  |
| <b>Sanskrit</b>  | पाठ्यपुस्तक रुचिरा प्रथमो भाग : पाठ-7,8,10,11,12,13,14,15, व्याकरण (बालक शब्दरूपाणि पठ् धातु लट् लोट् लृट् लकारेषु)   |
| <b>Hindi</b>     | पाठ- 9 से 17 तक व्याकरण (संज्ञा, सर्वनाम, उपसर्ग, प्रत्यय, पर्यायवाची, मुहावरे, अपठित-गद्यांश, अनुच्छेद-लेखन)   |
| <b>Computer</b>  | Introduction to Computers, More on MS Windows 7, More on MS Word 2007, More on MS Power Point 2007, More on MS Excel 2007 : Formulae and Operations on Rows/Columns, More on E-mail   |
| <b>Physics</b>   | Motion And Measurement, Force, Work And Energy, Electricity & Circuits, Fun With Magnets, Light : Shadows And Reflections, Rain, Thunder And Lightning  |
| <b>Chemistry</b> | Grouping Materials of Different Kinds, How Things Change, Importance of Air   |
| <b>Biology</b>   | Food and its components, Things around us, The habitat of the living, Plants-form and function, Animals-form and function, Importance of water, Waste   |

## CLASS-7TH-A & B

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| <b>S.St.</b>     | <b>History</b> -The Sultans of Delhi, The Mughal Empire, Architecture in the Medieval Period, Towns, Traders and Craftsmen, Mobile and Settled Communities, Religious Development in the Medieval Period, Development of Regional Cultures, Political Formations in the Eighteenth Century<br><b>Political</b> -Media and Democracy, Advertising, Social Aspects of Gender Role, Economic Aspects of Gender Role, Markets Around Us, A Chain of Markets<br><b>Geography</b> -Hydrosphere (Water) Natural Vegetation and Wildlife, Human Environment-Settlement, Transport and Communication, Human Environment Interaction-The Tropical and the Sub-Tropical Regions, Life in the Hot and Cold Deserts |
| <b>English</b>   | Sentences, Nouns, Pronouns, Adjectives, Verbs, Adverbs, Prepositions, Determiners, Conjunctions, Idioms and Proverbs, Tenses, Expert Detectives, Mystery of the Talking Fan, Active-Passive Voice, Letter Writing, The Invention of Vita-Wonk, Dad and the Cat and the Tree, Direct-Indirect Speech, Writing an E-mail, Phrasal Verbs, Comprehension, Modals, Fire: Friend and Foe, Meadow Surprises, Subject-Verb Concord, A Bicycle in Good Repair, Garden Sanke, Punctuations, Story Writing, Synonyms and Antonyms   |
| <b>Maths</b>     | 1. Integers, 2. Fractions And Decimals, 3. Rational Numbers, 4. Linear Equations In One Variable, 5. Lines And Angles, 6. Triangles, 7. Congruency Of Triangles, 8. Constructions, 9. Exponents, 10. Algebraic Expressions, 11. Ratio And Proportion, 12. Percentage, 13. Profit, Loss And Discount, 14. Simple Interest, 15. Statistics, 16. Probability, 17. Mensuration, 18. Symmetry And Visualising Solid Shapes  |
| <b>Sanskrit</b>  | पाठ्यपुस्तक रुचिरा द्वितीयो भाग : पाठ-6,7,8,10,11,12,13,15, व्याकरण (पितृ/पिता शब्दरूपाणि, चर् व वस् धातु लट् लोट् लृट् लकारेषु, संख्यावाचक शब्दाः)  |
| <b>Hindi</b>     | (पाठ्यपुस्तक वसंत पाठ 11 से 20) शब्दार्थ, लेखक नाम, प्रश्न-उत्तर<br>व्याकरण- भाषा, लिपि, विशेषण, अपठित गद्यांश, अनुच्छेद लेखन, मुहावरे, विलोम शब्द, पत्र लेखन  |
| <b>Computer</b>  | Introduction to Computers, More on MS Windows 7, More on MS Excel 2007 : Formulae and Functions, Charts In MS Excel 2007, Computer Virus, MS Publisher 2007, More on Internet  |
| <b>Physics</b>   | Motion And Time, Heat, Electric Current and Its Effects, Light, Wind Storm and Cyclones  |
| <b>Chemistry</b> | Different Kind Of Materials : (Acids, Bases And Salts), Fibre To Fabric : Materials Of Daily Use, How Things React With One Another : (Physical & Chemical Changes), Water : A Precious Resource, Wastewater Management  |

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| <b>Biology</b>       | Nutrition In Plants, Nutrition In Animal, Weather, Climate And Adaptations Of Animals To Climate, Soil, Respiration In Plants And Animals, Transportation And Excretion, Reproduction In Plants Forests : Our Lifeline  |
| <b>CLASS-8TH-A,B</b> |   |
| <b>S.St.</b>         | <b>History</b> -Urban Changes under Colonialism, Education Under the British Rule, Women and Reform, Women and Reform, Lower Caste Reform Movements, The Changing World of Arts : Painting, Literature and Architecture, The Rise of Nationalism in India (19th Century-1922), India after Independence<br><b>Civics</b> -The Judiciary, The Police and The Courts, Social Justice and the Marginalised, Untouchability-A Social Evil, The Government and Economic Development<br><b>Geography</b> - Mineral Resources, Power Resources, Agriculture, Major Industries, Human Resources |
| <b>English</b>       | <b>Literature</b> : Unit- 4, 6, 7, 8, 9, 10<br><b>Grammar</b> : Determiners, Conjunctions, Tenses, Voice, Subject Verb Concord<br><b>Writing</b> : Notice Writing, Report Writing, Article Writing, Letter Writing, Story Writing<br><b>Vocabulary</b> : Idioms (1 to 50), One word Substitution (1 to 50), Confusable words (1 to 50), Proverbs (1 to 20), Synonyms and Antonyms, Error correction   |
| <b>Maths</b>         | 1. Rational Numbers, 2. Squares And Square Roots, 3. Cubes And Cube Roots, 4. Linear Equations In One Variable, 5. Quadrilaterals, 6. Construction Of Quadrilaterals, 7. Exponents And Powers, 8. Algebraic Expressions, 9. Algebraic Identities And Factorisation, 10. Percentage And Its Application, 11. Simple Interest And Compound Interest, 12. Direct And Inverse Variations, 13. Statistics, 14. Probability, 15. Mensuration, 16. Introduction To Graphs, 17. Visualising Solid Shapes, 18. Playing With Numbers  |
| <b>Sanskrit</b>      | पाठ्यपुस्तक रूचिरा तृतीयो भाग : पाठ-7,8,10,11,13,14,15 व्याकरण (संधि, उपसर्ग प्रत्यय, मातृ/माता शब्दरूपाणि, खाद् व इष् धातु लट् लोट् लृट् लकारेषु, संख्यावाचक शब्दाः)   |
| <b>Hindi</b>         | पाठ्यपुस्तक वसंत पाठ-9 से 18 तक व्याकरण (संधि, समास, उपसर्ग, प्रत्यय, वाक्य, अपठित-गद्यांश, अनुच्छेद लेखन, मुहावरे, लोकोक्ति, पत्र लेखन)  |
| <b>Computer</b>      | Introduction to Computers : Networking, Learn to Use MS Access 2007, Queries, Forms & Reports in MS Access 2007, Introduction to HTML, Creating Webpage Using HTML, More on Internet, Computer Ethics, Crime and Security   |
| <b>Physics</b>       | Force and Pressure, Friction, Sound, Chemical Effects Of Electric Current, Light, Some Natural Phenomena, Stars and the Solar System  |
| <b>Chemistry</b>     | Synthetic Fibres And Plastics, Metals And Non-Metals, Coal And Petroleum, Combustion & Flame  |
| <b>Biology</b>       | Crop Production And Management, Microorganisms, Conservation Of Plants And Animals, The Cell – Structure And Functions, Reproduction In Animals, Reaching The Age Of Adolescence, Pollution Of Air And Water  |

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| <b>CLASS-9TH</b> |   |
| <b>S.St.</b>     | <b>HISTORY</b><br>1. The French Revolution 2. Socialism In Europe & The Russian Revolution 3. Nazism And The Rise Of Hitler<br>4. Forest Society And Colonialism<br><b>CIVICS</b><br>1. What Is Democracy? Why Democracy ? 2. Constitutional Design 3. Electoral Politics 4. Working Of Institutions<br>5. Democratic Rights<br><b>GEOGRAPHY</b><br>1. India-Size And Location 2. Physical Features of India 3. Drainage 4. Climate 5. Natural Vegetation And Wild Life<br>6. Population<br><b>ECONOMICS</b><br>1. The Story Of Village Palampur 2. People As Resource 3. Poverty As A Challenge 4. Food Security In India  |
| <b>English</b>   | <b>Reading Comprehension</b><br><b>Writing</b> - Article Writing, Story Writing<br><b>Grammar</b> - Integrated Grammar [Editing, Omission, Gap Filling, Jumbled Words, Dialogue Completion]<br><b>Beehive</b> -The Fun They Had, The Sound Of Music , The Little Girl, A Truly Beautiful Mind, The Snake And The Mirror, My Childhood, Packing, Reach For The Top, The Bond Of Love, Kathmandu, If I Were You, The Road Not Taken, Wind, Rain On The Roof, The Lake Isle Of Innisfree , A Legend Of The Northland, No Men Are Foreign , The Duck And The Kangaroo , On Killing A Tree , The Snake Trying , A Slumber Did My Spirit Seal<br><b>Moments</b> -The Lost Child, The Adventures Of Toto , Iswaran The Storyteller , In The Kingdom Of Fools , The Happy Prince , Weathering The Storm In Ersama , The Last Leaf , A House Is Not A Home , The Accidental Tourist , The Beggar |
| <b>Maths</b>     | Number system, Polynomials, Coordinate geometry, Linear equation in two variable, Introduction to euclid's geometry, Lines and angles, Congruent triangles, Quadrilaterals, Areas of parallelograms and triangles, Circles, Constructions, Heron's formula, Surface areas and Volumes, Statistics, Probability  |

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| <b>Hindi</b>     | पाठ्यपुस्तक-स्पर्श, गद्य भाग पाठ 6, 7, 8<br>पद्य भाग-पाठ 14, 15<br>संचयन-पाठ 5, 6<br>व्याकरण-वर्ण विच्छेद, अनुस्वार, अनुनासिक, नुक्ता, उपसर्ग, -प्रत्यय, संधि, विराम चिन्ह<br>रचना-अपठित गद्यांश, अपठित काव्यांश, अनुच्छेद, अनौपचारिक पत्र, चित्र वर्णन, संवाद लेखन, विज्ञापन लेखन |
| <b>Physics</b>   | Motion, Force and Law of Motion, Gravitation+Fluid, Work and Energy, Sound,  |
| <b>Chemistry</b> | Matter in our surroundings, Is matter around us pure ?, Atoms and molecules, Atomic structure  |
| <b>Biology</b>   | Fundamental Unit Of Life, Tissues, Diversity In Living Organisms, Why Do We Fall Ill, Natural Resources, Improvement In Food Resources   |

| CLASS-10TH       |   |
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| <b>S.St.</b>     | (History) 1. The Rise Of Nationalism In Europe or The Nationalist Movement In Indo-China, 2. Nationalism In India, 3. The Making Of A Global World or The Age Of Industrialisation or Work, Life And Leisure, 4. Print Culture And The Modern World or Novels, Society And History<br>(Civics) 1. Power Sharing, 2. Federalism, 3. Democracy And Diversity, 4. Gender, Religion And Caste, 5. Political Parties, 6. Outcomes Of Democracy, 7. Challenges To Democracy<br>(Geography) 1. Resources And Development, 2. Water Resources, 3. Agriculture, 4. Minerals And Energy Resources, 5. Manufacturing industries, 6. Life Lines of National Economy<br>(Economics) 1. Development, 2. Sectors Of The Indian Economy, 3. Money And Credit, 4. Globalisation And The Indian Economy, 5. Consumer Rights |
| <b>English</b>   | <b>Reading Comprehension</b><br><b>Writing</b> - Formal Letter Writing, Story Writing<br><b>Grammar</b> - Integrated Grammar [Editing, Omission, Gap Filling, Jumbled Words, Dialogue Completion]<br><b>Literature- Fiction</b> - The Two Gentlemen of Verona, Mrs Packletide's Tiger, The Letter, A Shady Plot, Patol Babu, Virtually True<br><b>Poetry</b> - The Frog and the Nightingale, Ozymandias, Not Marbles nor the Gilded Monuments, The Snake, Rime of the Ancient Mariner<br><b>Drama</b> - The Dear Departed, Julius Caesar<br><b>Novels</b> - The Diary of a Young Girl or the Story of My Life   |
| <b>Maths</b>     | Real numbers, Polynomials, Linear Equations in Two Variables, Quadratic Equations, Arithmetic Progressions, Triangles, Co-ordinate Geometry, Trigonometry, Heights and Distances, Circles, Constructions, Areas Related to Circles, Surface Areas and Volumes, Statistics, Probability  |
| <b>Hindi</b>     | हिन्दी ब- स्पर्श पाठ्यपुस्तक- सम्पूर्ण पाठ (गद्य व पद्य) (पाठ्यक्रम में निर्धारित)<br>संचयन- सम्पूर्ण पाठ (पाठ्यक्रम में निर्धारित)<br>व्याकरण-शब्द व पद में अन्तर, रचना के आधार पर वाक्य रूपांतर, समास, अशुद्धि शोधन, मुहावरे<br>रचना- अपठित गद्यांश, अपठित काव्यांश, अनुच्छेद लेखन, पत्र लेखन(औपचारिक), सूचना लेखन, संवाद लेखन, विज्ञापन लेखन,<br><br>हिन्दी अ-क्षितिज पाठ्यपुस्तक- सम्पूर्ण पाठ (गद्य व पद्य) (पाठ्यक्रम में निर्धारित)<br>कृतिका-सम्पूर्ण पाठ (पाठ्यक्रम में निर्धारित)<br>व्याकरण- वाक्य भेद, वाच्य, पद-परिचय, रस<br>रचना-अपठित गद्यांश, अपठित काव्यांश, निबंध लेखन, पत्र लेखन, (औपचारिक व अनौपचारिक), विज्ञापन लेखन   |
| <b>Physics</b>   | Light-Reflection and Refraction, Human Eye and Colourful World, Electricity, Magnetic Effects of Electric Current, Sources of Energy  |
| <b>Chemistry</b> | Chemical Reactions & Equations, AcidS, Bases and salts, Metals And Non-Metals, Carbon And Its Compounds, Periodic Classification  |
| <b>Biology</b>   | Life Processes, Control And Coordination, How Do Organisms Reproduce, Heredity And Evolution, Our Environment, Management Of Natural Resources  |