



Estd. 1985

# SUBODH PUBLIC SCHOOL, RAMBAGH

(A Senior Secondary Co-Educational CBSE Affiliated School)



Session 2025-26

## Syllabus for TERM I (Scholars)

Class– Scholars-1(XI)

S. No.	Subject	Scholars-1
1	English Core	<p><b>READING SECTION</b></p> <ul style="list-style-type: none"> <li>Unseen Passage</li> <li>Note - Making &amp; Summarising</li> </ul> <p><b>GRAMMAR &amp; CREATIVE WRITING SKILLS</b></p> <ul style="list-style-type: none"> <li>Closing Gap Filling</li> <li>Rearrangement of words</li> <li>Transformation of Sentences</li> <li>Classified Advertisement</li> <li>Poster</li> <li>Speech</li> <li>Debate</li> </ul> <p><b>LITERATURE</b></p> <p><b>PROSE</b></p> <ul style="list-style-type: none"> <li>The Portrait of the Lady</li> <li>We Are Not Afraid to Die.....</li> <li>Discovering Tut</li> <li>The Summer of the Beautiful White Horse</li> <li>The Address</li> </ul> <p><b>POETRY</b></p> <ul style="list-style-type: none"> <li>A Photograph</li> <li>The Laburnum Top</li> <li>The Voice of the Rain</li> </ul>
2	Physics	<ul style="list-style-type: none"> <li>Unit-I Physical World and Measurement</li> <li>Chapter-1: Units and Measurements</li> <li>Unit-II Kinematics</li> <li>Chapter-2: Motion in a Straight Line</li> <li>Chapter-3: Motion in a Plane</li> <li>Unit-III Laws of Motion</li> <li>Chapter 4: Laws of Motion</li> <li>Unit-IV Work, Energy and Power</li> <li>Chapter-5: Work, Energy and Power</li> <li>Unit-V Motion of System of Particles and Rigid Body</li> </ul>
3	Chemistry	<ul style="list-style-type: none"> <li>1. Some basic concepts of chemistry</li> <li>2. Structure of an atom</li> <li>3. Classification of elements</li> <li>4. Chemical bonding</li> <li>5. Redox reaction</li> </ul>
4.	Mathematics	<ul style="list-style-type: none"> <li>Ch1. Sets</li> <li>Ch2. Relations and functions</li> <li>Ch3. Trigonometric functions</li> <li>Ch4. Complex numbers and quadratic equations</li> <li>Ch5. Linear Inequalities</li> </ul>

		<ul style="list-style-type: none"> <li>• Ch.12. Limits and derivatives</li> <li>• Ch 13. Statistics</li> </ul>
5	<b>Applied Mathematics</b>	<ul style="list-style-type: none"> <li>• Ch1. Numbers</li> <li>• Ch2. Indices and Logarithms</li> <li>• Ch 3: Quantitative Aptitude</li> <li>• Ch5. Sets and Relations</li> <li>• Ch6: Sequence and Series</li> <li>• Ch 8: Logical Reasoning</li> <li>• Ch9.Functions</li> </ul>
6	<b>Biology</b>	<ul style="list-style-type: none"> <li>• Ch-1 The Living World</li> <li>• Ch-2 Biological Classification till end of Fungi</li> <li>• Ch-3 Plant Kingdom</li> <li>• Ch-4 Animal Kingdom</li> <li>• Ch-5 Morphology of flowering plant</li> <li>• Ch-6 Anatomy of the flowering plants</li> <li>• Ch-7 Structural organization in animals</li> <li>• Ch-8 Cell-The unit of life</li> </ul>
7	<b>Accountancy</b>	<ul style="list-style-type: none"> <li>• 1.Introduction to Accounting.</li> <li>• 2.Theory Base of Accounting.</li> <li>• 3.Accounting Equation.</li> <li>• 4. Journal.</li> <li>• 5.Journal with GST.</li> <li>• 6.Ledger.</li> <li>• 7.Cash Books.</li> <li>• (a) Simple Cash Book.</li> <li>• (b) Cash &amp; Bank Column Cash Book.</li> <li>• (c) Petty Cash Book.</li> <li>• 8.Other Subsidiary Books:</li> <li>• (a) Purchase Book</li> <li>• (b) Sales Book</li> <li>• (c) Purchase Return Book</li> <li>• (d) Sales Return Book</li> <li>• (e) Journal Proper</li> <li>• 9.Trial Balance</li> </ul>
8	<b>Business Studies</b>	<ul style="list-style-type: none"> <li>• Chapter 1 Business, Trade and Commerce</li> <li>• Chapter 2 Forms of Business Organisation</li> <li>• Chapter 3 Private, Public and Global Enterprise</li> <li>• Chapter 4 Business Services</li> <li>• Chapter 5 Emerging Modes of Business</li> <li>• Chapter 6 Social Responsibilities of Business and Business Ethics</li> <li>• Chapter 7 Formation of Company</li> </ul>
9	<b>Economics</b>	<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>• 1. Introduction</li> <li>• 2. Collection of data</li> <li>• 3. Organization of data</li> <li>• 4. Measures of Central Tendency (Mean, Median,Mode)</li> </ul> <p><b>Micro</b></p> <ul style="list-style-type: none"> <li>• 1. Introduction</li> <li>• 2. Demand &amp; Elasticity of demand</li> <li>• 3. Production Function</li> </ul>

10	History	<ul style="list-style-type: none"> <li>• Early Societies Theme I - Writing and City Life</li> <li>• Empires Theme II - An Empire Across Three Continents</li> <li>• Empires Theme III -Nomadic Empires</li> <li>• Changing Traditions Theme IV - The Three Orders</li> </ul>
11	Political Science	<p><b>Indian Constitution at work</b></p> <ul style="list-style-type: none"> <li>• Chapter 1: Constitution: Why and How?</li> <li>• Chapter 2: Rights in the Indian Constitution</li> <li>• Chapter 3: Election and Representation</li> <li>• Chapter 4: Legislature</li> <li>• Chapter 9: Constitution as a Living Document</li> <li>• Chapter -10: Philosophy of the Constitution</li> </ul> <p><b>Political Theory</b></p> <ul style="list-style-type: none"> <li>• Chapter 1: Political theory and introduction</li> <li>• Chapter 2: Freedom</li> <li>• Chapter 3: Equality</li> <li>• Chapter 4: Social Justice</li> <li>• Chapter 5: Rights</li> </ul>
12	Artificial Intelligence	<p>Part A</p> <ul style="list-style-type: none"> <li>• Unit 1: Communication Skills</li> <li>• Unit 2: Self-Management Skills</li> <li>• Unit 3: ICT Skills</li> </ul> <p>Part B</p> <ul style="list-style-type: none"> <li>• Unit 1: Introduction: Artificial Intelligence for Everyone</li> <li>• Unit 2: Unlocking your Future in AI</li> <li>• Unit 3: Python Programming</li> <li>• Unit 4: Introduction to Capstone Project</li> <li>• Unit 5: Data Literacy - Data Collection to Data Analysis</li> </ul>
13	Entrepreneurship	<ul style="list-style-type: none"> <li>• Unit-1 Entrepreneurship: concept and functions</li> <li>• Unit-2 An entrepreneur</li> <li>• Unit-3 Entrepreneurial journey</li> <li>• Unit 4- Entrepreneurship as innovation and problem solving.</li> </ul>
14	Psychology	<ul style="list-style-type: none"> <li>• Unit I- Understanding Psychology</li> <li>• Unit II - Methods of Enquiry in Psychology</li> <li>• Unit III - Human Development</li> <li>• Unit IV - Sensory, Attentional and Perceptual Processes</li> <li>• Unit VIII - Motivation and Emotion</li> </ul>
15	Physical Education	<ul style="list-style-type: none"> <li>• Unit 1-Changing trends and career in physical education</li> <li>• Unit 2- Olympic value Education</li> <li>• Unit 3- Yoga</li> <li>• Unit 4- Physical Education and Sports for CWSN</li> <li>• UNIT 5 Physical Fitness, Health and Wellness</li> </ul>
16	German	<ul style="list-style-type: none"> <li>• Unseen Text comprehensions, Writing skills (E Mail and dialogue), Applied grammar ,</li> <li>• Text Book (Ch 10,11,12)</li> </ul>
17	Informatics Practices	<p>Scholars 1</p> <ul style="list-style-type: none"> <li>• Unit-1 Introduction to Computer System</li> <li>• Unit-2 Emerging Trends</li> <li>• Unit-3 Brief Overview of Python Till Looping</li> </ul>
18	Computer Science	<ul style="list-style-type: none"> <li>• <b>Unit 2: Computational Thinking and Programming - I</b></li> </ul>

		<ul style="list-style-type: none"> <li>• <b>1. Introduction to problem-solving</b></li> <li>• <b>2. Familiarization with the basics of Python programming</b></li> <li>• <b>3. Knowledge of data types</b></li> <li>• <b>4. Operators</b></li> <li>• <b>5. Expressions, statements, type conversion, and input/output</b></li> <li>• <b>6. Errors</b></li> <li>• <b>7. Flow of control</b></li> <li>• <b>8. Conditional statements</b></li> <li>• <b>9. Iterative statements</b></li> <li>• <b>10. Strings, Lists, Tuples</b></li> </ul>
19	Geography	<ul style="list-style-type: none"> <li>• Book 1 - Fundamentals of Physical Geography</li> <li>• Chapter I- Geography as a discipline</li> <li>• Chapter II - Origin and evolution of Earth.</li> <li>• Chapter III - Interior of Earth</li> <li>• Chapter IV- Distribution of oceans and continents</li> <li>• Chapter V- Geomorphic processes</li> <li>• Chapter VI- Composition and structure of atmosphere.</li> <li>• Maps :- Only labelling and locating on an outline political world map. Ecological hotspots. Eastern Himalaya, India, Western Ghats, India Indonesia, Asia , Eastern Madagascar, Africa, Upper Guinean forests, Africa , Atlantic forest, Brazil , Tropical Andes.</li> </ul> <p>Political Map of all the Continents of the world. - Major Oceans of the world: Indian Ocean, Pacific Ocean, Atlantic Ocean Arctic Ocean, Southern Ocean · Major lithospheric plates and Minor lithospheric plates, Ring of fire (Pacific Ocean), Mid-Atlantic Ridge.</p> <p><b>Book 2 India Physical environment.</b></p> <p>Chapter 1. India Location</p> <p>Chapter 2. Structure and physiography.</p> <p>Chapter 3. Drainage system .</p> <p><b>Chapter 1.</b></p> <p>Latitudinal extent of India , Longitudinal extent of India, Standard Meridian of India, Important latitude passing through India (Tropic of Cancer) , Southernmost Point of the mainland of India (Kanya Kumari)</p> <p><b>Chapter 2 Structure and Physiography</b></p> <p>Mountains: Karakoram Range, Garo- Khasi- Jaintia hills, Aravalli Range, Vindhyan Range, Satpura Range, Western ghats &amp; Eastern ghats</p> <p>Peaks: K2, Kanchenjunga, Nandadevi, Nanga Parvat, Namcha Barwa and Anaimudi Passes: Shipkila, Nathula, Palghat, Bhor ghat and Thal ghat</p> <p>Plateaus: Malwa, Chhota Nagpur, Meghalaya and Deccan Plateau.</p> <p>Coastal Plains: Saurashtra, Konkan, North and South Kanara, Malabar, Coromandel and Northern Circars</p> <p>Islands: Andaman &amp; Nicobar Islands and Lakshadweep Islands.</p>

## Class– Scholars-2(XII)

S. No.	Subject	Scholars-2
1	English Core	<p><b>READING SECTION</b></p> <ul style="list-style-type: none"> <li>• Unseen Passages</li> <li>• <b>CREATIVE WRITING SKILLS</b></li> <li>• Notice</li> <li>• Formal , Informal Invites</li> <li>• Letter to the Editor</li> <li>• Job Application with Resume</li> <li>• Article</li> <li>• Report writing</li> </ul> <p><b>LITERATURE SECTION</b></p> <ul style="list-style-type: none"> <li>• The Last Lesson</li> <li>• Lost Spring</li> <li>• Deep Water</li> <li>• The Rattrap</li> <li>• Indigo</li> <li>• The Third Level</li> <li>• The Tiger King</li> <li>• Journey to the End of the Earth</li> </ul> <p><b>POETRY</b></p> <ul style="list-style-type: none"> <li>• My Mother at Sixty Six</li> <li>• Keeping Quiet</li> <li>• A Thing of Beauty</li> </ul>
2	Physics	<ul style="list-style-type: none"> <li>• Unit–I Electrostatics</li> <li>• Chapter–1: Electric Charges and Fields</li> <li>• Chapter 2: Electrostatic Potential and Capacitance</li> <li>• Unit-II Current Electricity</li> <li>• Chapter–3: Current Electricity</li> <li>• Unit-III Magnetic Effects of Current and Magnetism</li> <li>• Chapter–4: Moving Charges and Magnetism</li> <li>• Chapter–5: Magnetism</li> <li>• Unit–VI Optics</li> <li>• Chapter–9: Ray Optics and Optical Instruments</li> <li>• Chapter–10: Wave Optics</li> </ul>
3	Chemistry	<ul style="list-style-type: none"> <li>• 1. Solutions</li> <li>• 2. Electrochemistry</li> <li>• 3. Chemical kinetics</li> <li>• 4. D and F block elements</li> <li>• 5. Coordination compounds</li> <li>• 6. Amines</li> </ul>
4	Mathematics	<ul style="list-style-type: none"> <li>• Ch1. Relations and functions</li> <li>• Ch2. Inverse Trigonometric functions</li> <li>• Ch3. Matrices</li> <li>• Ch4. Determinants</li> <li>• Ch5. Continuity and differentiability</li> <li>• Ch6. Application of derivatives</li> <li>• Ch10. Vector Algebra</li> <li>• Ch11. 3- Dimensional Geometry</li> <li>• Ch12. Linear Programming Problem</li> </ul>

5	<b>Applied Mathematics</b>	<ul style="list-style-type: none"> <li>• Ch1. Numbers, Quantification and Numerical Inequalities</li> <li>• Ch2. Numerical Inequalities</li> <li>• Ch3. Matrices</li> <li>• Ch4. Determinants</li> <li>• Ch9. Probability</li> <li>• Ch11. Time-Based Data</li> <li>• Ch12. Perpetuity, Sinking funds and EMI</li> <li>• Ch13. Growth and Depreciation</li> <li>• Ch14. Linear Programming</li> </ul>
6	<b>Biology</b>	<ul style="list-style-type: none"> <li>• 1. Ch-1 Reproduction in Flowering Plants</li> <li>• 2. Ch-2 Human Reproduction</li> <li>• 3. Ch-3 Reproductive Health</li> <li>• 4. Ch-4 Principles of Inheritance</li> <li>• 5. Ch-5 Molecular basis of inheritance</li> <li>• 6. Ch-6 Evolution</li> <li>• 7. Ch-7 Human Health and Diseases</li> </ul>
7	<b>Accountancy</b>	<ul style="list-style-type: none"> <li>• PART-A</li> <li>• Accounting of Partnership Firms:-</li> <li>• 1. Fundamentals of Partnership.</li> <li>• 2.Change in Profit Sharing Ratio</li> <li>• 3.Admission of New Partner.</li> <li>• 4.Retirement &amp; Death of Partner.</li> <li>• 5.Dissolution of Firm.</li> <li>• PART-B</li> <li>• 1.Financial Statements of Companies.</li> <li>• 2.Tools of Financial Statements</li> </ul>
8	<b>Business Studies</b>	<ul style="list-style-type: none"> <li>• Part 1 Principles and Functions of Management</li> <li>• Chapter 1 Nature and Significance of Management</li> <li>• Chapter 2 Principles of Management</li> <li>• Chapter 3 Business Environment</li> <li>• Chapter 4 Planning</li> <li>• Chapter 5 Organising</li> <li>• Chapter 6 Staffing</li> <li>• Chapter 7 Directing</li> <li>• Chapter 8 Controlling</li> </ul>
9	<b>Economics</b>	<p>Macro</p> <ul style="list-style-type: none"> <li>• 1. Introduction</li> <li>• 2. National Income</li> <li>• 3. Money &amp; Banking</li> <li>• 4. Govt . Budget</li> <li>• 5. Balance of Payments &amp; Foreign Exchange Rate</li> </ul> <p>Indian Economic Development</p> <ul style="list-style-type: none"> <li>• 1. Indian Economy on the Eve of Independence</li> <li>• 2. Indian Economy -1950-1990</li> <li>• 3. Economic Reforms since 1991</li> <li>• 4. Human Capital Formation in India</li> <li>• 5. Rural Development</li> </ul>
10	<b>History</b>	<p>Part 1</p> <ul style="list-style-type: none"> <li>• Theme_1 :Bricks, Beads &amp; Bones</li> <li>• Theme_2 :Kings, Farmers &amp; Towns</li> <li>• Theme_3 : Kinship, Caste &amp; Class</li> <li>• Theme_4 :Thinkers, Beliefs &amp; Buildings</li> </ul>

		<ul style="list-style-type: none"> <li>Part_2</li> <li>Theme_5 :Through the Eyes of Travellers</li> <li>Theme_6 :Bhakti-Sufi Traditions: Changes in Religious Beliefs &amp; Devotional Texts</li> <li>Theme_7 :An Imperial Capital:Vijayanagar</li> <li>Theme_8: Peasants,Zamindars &amp; the State</li> </ul>
11	Political Science	<ul style="list-style-type: none"> <li>Part A- Contemporary World Politics</li> <li>Ch_1:The End Of Bipolarity</li> <li>Ch_2: Contemporary Centres of Power</li> <li>Ch_3 : Contemporary South Asia</li> <li>Ch_4 : International Organisations</li> <li>Ch_5 : Security in the Contemporary World</li> <li>Part-B -Politics Since Independence</li> <li>Ch_1 : Challenges of Nation Building</li> <li>Ch_2 :Era of one-party dominance</li> <li>Ch_3 : Politics of Planned Development</li> <li>Ch_4 :India's External Relations</li> <li>Ch_5 : Challenges to and Restoration of the Congress System</li> </ul>
12	Medical Diagnostics	<ul style="list-style-type: none"> <li>Part A- Employability Skills</li> <li>Unit 1: Communication Skills</li> <li>Unit 2: Self-Management Skills</li> <li>Part B- Subject-specific</li> <li>Unit 3: Haematology Lab (Process and Investigation)</li> <li>Unit 4: Blood Bank and its equipment</li> </ul>
13	Artificial Intelligence	<ul style="list-style-type: none"> <li>Part A</li> <li>Unit 1: Communication Skills</li> <li>Unit 2: Self Management Skills</li> <li>Unit 3: ICT Skills</li> <li>Part B</li> <li>Unit 2: Data Science Methodology : An Analytic Approach to Capstone Project</li> <li>Unit 3: Making Machines See</li> <li>Unit 5: Introduction to Big Data and Data Analytics</li> <li>Unit 6: Understanding Neural Network</li> </ul>
14	Entrepreneurship	<ul style="list-style-type: none"> <li>Unit-1 Entrepreneurial opportunity</li> <li>Unit-2 Entrepreneurial planning</li> <li>Unit-3 Enterprise marketing</li> <li>Unit4- Enterprise growth strategies.</li> </ul>
15	Psychology	<ul style="list-style-type: none"> <li>Unit I- Variations in Psychological Attributes</li> <li>Unit II- Self and Personality</li> <li>Unit III- Meeting Life Challenges</li> <li>Unit IV- Psychological Disorders</li> <li>Unit - VII Social Influence and group process</li> </ul>
16	Physical Education	<ul style="list-style-type: none"> <li>Unit-1-Management of sporting events</li> <li>Unit:-02 :- Children and women in sports</li> <li>Unit 03:- yoga as preventive measures for life style disease</li> <li>Unit 4 physical Education and Sports for CWSN</li> <li>Unit 5 Sports and Nutrition</li> </ul>

		<ul style="list-style-type: none"> <li>Unit 6 Test and Measurement in sport</li> </ul>
17	German	<ul style="list-style-type: none"> <li>Unseen Text comprehensions, Writing skills (E Mail and dialogue), Applied grammar ,</li> <li>Text Book (Ch 15,16,17)</li> </ul>
18	Informatics Practices	<ul style="list-style-type: none"> <li>Unit-1 Computer Networks</li> <li>Unit-2 Python</li> <li>Unit-4 Societal Impacts</li> </ul>
19	Computer Science	<ul style="list-style-type: none"> <li>Unit 1: Computational Thinking and Programming – II</li> <li>Unit 3: Database Management – Database concepts, relational data model, Structured Query Language</li> </ul>
20	Geography	<ul style="list-style-type: none"> <li>Book 1- Fundamentals of Human Geography</li> <li>Chapter I- Human Geography</li> <li>Chapter II- World Population Density Distribution and Growth</li> <li>Chapter III- Human Development</li> <li>Chapter IV- Primary activities.</li> <li>Chapter V - Secondary activities</li> <li>Chapter VI-Tertiary activities.</li> <li>Chapter VII- Transportation</li> <li>Only Panama Canal , Suez canal and Major waterways of world.</li> <li>Maps - Only locating and labelling on outline political world Map</li> <li>Primary activities</li> <li>Areas of subsistence gathering</li> <li>Major areas of nomadic herding of the world</li> <li>Major areas of commercial livestock rearing</li> <li>Major areas of extensive commercial grain farming</li> <li>Major areas of mixed farming of the World</li> <li>Transportation -</li> <li>Major Sea Ports</li> <li>Europe: North Cape, London, Hamburg ,North America: Vancouver, San Francisco, New Orleans , South America: Rio De Janeiro, Colon, Valparaiso ,Africa: Suez and Cape Town ,Asia: Yokohama, Shanghai, Hong Kong, Aden, Karachi, Kolkata, Australia: Perth, Sydney, Melbourne</li> <li>Major Airports: Asia: Tokyo, Beijing, Mumbai, Jeddah, Aden ,Africa: Johannesburg &amp; Nairobi ,Europe: Moscow, London, Paris, Berlin and Rome , North America: Chicago, New Orleans, Mexico City ,South America: Buenos Aires, Santiago , Australia: Darwin and Wellington, Inland Waterways , Suez Canal, Panama Canal, Rhine waterways and St. Lawrence Seaways.</li> <li>Book 2 India People and Economy.</li> <li>Chapter I - Population Distribution, Density Growth and Composition.</li> <li>Chapter 2-Human Settlement.</li> <li>Chapter 3-Land Resources and Agriculture.</li> <li>Chapter 9-</li> <li>Geographical Perspective on selected issues and problems.</li> <li>Maps (Map work on locating and labelling of features based on the outline political/physical map of India.)</li> <li>State with the highest population density &amp; state with the lowest population density (2011)</li> <li>Leading producing states of the following crops:</li> <li>(a) Rice (b) Wheat (c) Cotton (d) Jute (e) Sugarcane</li> <li>(f) Tea and (g) Coffee</li> <li>Major Sea Ports: Kandla, Mumbai, Marmagao,</li> </ul>



		<ul style="list-style-type: none"> <li>• Kochi, Mangalore, Tuticorin, Chennai,</li> <li>• Vishakhapatnam, Paradwip, Haldia</li> <li>• International Airports: Ahmedabad, Mumbai,</li> <li>• Bengaluru, Chennai, Kolkata, Guwahati, Delhi,</li> <li>• Amritsar, Thiruvananthapuram &amp; Hyderabad.</li> <li>• Mines:</li> <li>• Iron-ore mines: Mayurbhanj, Bailadila, Ratnagiri,</li> <li>• Bellary ·</li> <li>• Manganese mines: Balaghat, Shimoga</li> <li>• opper mines: Hazaribagh, Singhbhum, Khetari</li> <li>• Bauxite mines: Katni, Bilaspur and Koraput</li> <li>• Coal mines: Jharia, Bokaro, Raniganj, Neyveli</li> <li>• Oil Refineries: Mathura, Jamnager, Barauni.</li> </ul>
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### Preparation Guidelines –

- All students are required to complete their notes and ensure the necessary study material is up-to-date by **August 30, 2025**.
- **Develop the habit of regular revision** by practising sample writing answers and related exercises with *diligence*.
- In case of **any doubt or need for clarification**, meet your respective subject teachers without hesitation.
- **Download the complete syllabus from the school website and keep it handy for regular reference.**
- Prepare sincerely and **gear up with full dedication and perseverance**.



### Examination Department Recommendation:

*Do rehearse all topics by maintaining regular study habits and practising through writing. Writing practice boosts retention and confidence.*

**Examination Department**