

**VISHWA BHARATI PUBLIC SCHOOL,DWARKA**

**SYLLABUS CLASS-XII , SESSION 2026-27**

**SUBJECT: ENGLISH CORE**

**Textbooks Prescribed: -1 Flamingo (Reader) 2. Vistas (Supplementary Reader)**

<b><u>MONTH</u></b>	<b><u>TOPICS</u></b>	<b><u>Experiential learning</u></b>
<b><u>APRIL</u></b>	<ul style="list-style-type: none"><li><b><u>: FLAMINGO</u></b></li><li><b><u>: The Last Lesson</u></b></li><li><b><u>: My Mother at 66 (poem)</u></b></li><li><b><u>: Lost Spring</u></b></li><li><b><u>: Keeping quiet (poem)</u></b></li> <li><b><u>: VISTAS</u></b></li><li><b><u>: The Tiger king</u></b></li> <li><b><u>: WRITING SKILLS</u></b></li><li><b><u>: Letter to the Editor</u></b></li><li><b><u>: Notice</u></b></li></ul>	<p><b><u>A short mindfulness activity followed by a discussion on inner peace and self-reflection.</u></b></p> <p><b><u>{Keeping quiet (poem)}</u></b></p>

<p><b><u>MAY</u></b></p>	<p><b><u>FLAMINGO</u></b></p> <p>: <u>Indigo</u></p> <p>: <u>Deep water</u></p> <p>: <u>The Interview</u></p> <p><b><u>VISTAS</u></b></p> <p>: <u>The Third level</u></p> <p>: <u>Journey to the end of the Earth</u></p> <p><b><u>WRITING SKILLS</u></b></p> <p><u>Formal/Informal Invitation and Reply</u></p>	<p>- <u>Students research climate change and create posters or presentations on its impact on Earth</u></p> <p><u>[Journey to the end of the Earth]</u></p> <p>: <u>Students conduct and record interviews with teachers or school staff to understand journalistic skills.</u></p> <p>{<u>The Interview</u>}</p>
<p><b><u>JULY</u></b></p>	<p><b><u>FLAMINGO</u></b></p> <p>: <u>The Rattrap</u></p> <p>: <u>Poets and Pancakes</u></p> <p>: <u>Aunt Jennifer's Tigers(poem)</u></p> <p><b><u>VISTAS</u></b></p> <p>: <u>The enemy</u></p>	<p>-<u>Students to write a letter from the perspective of the American prisoner, expressing his gratitude or emotions.</u></p> <p><u>(The Enemy)</u></p>
<p><b><u>AUGUST</u></b></p>	<p><b><u>WRITING SKILLS</u></b></p> <p><u>Article writing</u></p> <p><b><u>FLAMINGO</u></b></p> <p>: <u>The Roadside Stand (Poem)</u></p>	

<p><b><u>SEPTEMBER</u></b></p>	<p><b>VISTAS</b></p> <ul style="list-style-type: none"> <li>· <u>Memories of childhood</u></li> <li>· <u>On the face of it</u></li> </ul> <hr/> <p><b>WRITING SKILLS- Report writing</b></p> <hr/> <p><b>FLAMINGO- Going Places</b></p>	<p><b><u>ASL</u></b></p>
<p><b><u>OCTOBER</u></b></p>	<p><b><u>REVISION</u></b></p>	<p><b><u>ASL</u></b></p>
<p><b><u>NOVEMBER</u></b></p>	<p><b><u>PB 1</u></b></p>	
<p><b><u>DECEMBER</u></b></p>	<p><b><u>PB 2</u></b></p>	
<p><b><u>JANUARY</u></b></p>	<p><b><u>PT3 - Jan 2 week( Inhouse Practical exam)</u></b></p>	

<b><u>SYLLABUS</u></b>	
<b><u>PT-1</u></b> <b><u>MAY</u></b>	<b><u>COMPREHENSION</u></b> <b><u>PASSAGE, NOTICE,</u></b> <b><u>FLAMINGO- LESSON 1</u></b> <b><u>&amp;2, POEM 1</u></b>  <b><u>VISTAS- LESSON 2</u></b>
<b><u>PT-2</u></b> <b><u>JULY-AUG</u></b>	<b><u>COMPREHENSION</u></b> <b><u>PASSAGE, LETTER TO</u></b> <b><u>THE EDITOR,</u></b> <b><u>INVITATION</u></b>  <b><u>FLAMINGO- LESSON 3,4</u></b> <b><u>POETRY- 2</u></b>  <b><u>VISTAS- LESSON 1&amp;3</u></b>
<b><u>TERM1</u></b> <b><u>EXAM</u></b>  <b><u>OCTOBER</u></b>	<b><u>all covered till</u></b> <b><u>September</u></b>
<b><u>PB 1</u></b>  <b><u>NOVEMBER</u></b>	<b><u>FULL SYLLABUS</u></b> <b><u>prescribed by CBSE</u></b>
<b><u>PB 2</u></b>  <b><u>DECEMBER</u></b>	<b><u>FULL SYLLABUS</u></b> <b><u>prescribed by CBSE</u></b>

**PT3 - Jan 2ND week( Inhouse Practical exam)**

**SUBJECT: Mathematics**

**Textbooks Prescribed : Mathematics Textbook for clas XII Part I and II**

<b><u>Month</u></b>	<b><u>Number and Name of</u></b>	<b><u>Experiential Learning</u></b>
<b><u>April 2025</u></b>	<b><u>Chapter 3: Matrices</u></b> <b><u>Chapter 4: Determinants</u></b> <b><u>Chapter 2: Inverse Trigonometric Functions</u></b>	
<b><u>May 2025</u></b>	<b><u>Chapter 5: Continuity and Differentiability</u></b> <b><u>Chapter 6: Applications of Derivative</u></b>	<b><u>1.To construct open box of max volume from a given rectangular sheet by cutting equal square from each corner.</u></b> <b><u>2.To verify that amongst the rectangles of equal perimeter the square has the maximum area</u></b>

<p><b><u>July 2025</u></b></p>	<p><b><u>Chapter 7 : Integrals</u></b></p> <p><b><u>Chapter 8: Applications of Integration</u></b></p>	<p><b><u>1.To evaluate the definite integral and find by using as limit of sum</u></b></p>
<p><b><u>August 2025</u></b></p>	<p><b><u>Chapter 9: Differential Equation</u></b></p> <p><b><u>Chapter 10: Vector Algebra</u></b></p>	<p><b><u>1.To verify that <math>\vec{c} \times (\vec{a} + \vec{b}) = \vec{c} \times \vec{a} + \vec{c} \times \vec{b}</math></u></b></p> <p><b><u>2.To verify angle in a semi circle is right angle using vector method</u></b></p>
<p><b><u>September 2025</u></b></p>	<p><b><u>Chapter 11: Three Dimensional Geometry</u></b></p> <p><b><u>Chapter 1: Relations and Functions</u></b></p> <p><b><u>Chapter 12: Linear Probability</u></b></p>	<p><b><u>1.To Verify that the relation R in the set L of all lines in a plane defined by <math>R = \{(L, m) : L \perp m\}</math> is symmetric, reflexive, Transitive</u></b></p> <p><b><u>2.To Verify that the relation R in the set L of all lines in a plane defined by <math>R = \{(L, m) : L \parallel m\}</math> is symmetric, reflexive, Transitive</u></b></p> <p><b><u>3. To show that the function in one-one and not onto</u></b></p>

		<b><u>4. To show that the fuction is onto not one-one</u></b>
<b><u>October 2025</u></b>	<b><u>Chapter 13 : Probability</u></b>	<b><u>1.To locate the point in the space measure the distance between the two space and then to verify the distance by distance formula</u></b>  <b><u>2.To compute the conditional probability of an event</u></b>

**PT 1 Syllabus Ch-2 , Ch-3, Ch-4**

**PT-2 Syllabus Ch-5, Ch-6**

**Term 1 Syllabus Ch-1 to 11 (80% syllabus)**

**PB-1 Entire Syllabus**

**Pb-2 Entire Syllabus**

**SUBJECT:Computer Science**

**Textbooks Prescribed: NCERT**

<b><u>MONTH</u></b>	<b><u>TOPICS</u></b>	<b><u>Experiential learning</u></b>
<b><u>APRIL</u></b>	<u>Ch-1 Python Revision Tour -1</u> <u>Ch-2 Python Revision Tour 2</u>	<u>Implement basic data structures (e.g., list manipulation, creating stacks/queues).</u>  <u>- Build a small project such as a to-do list . (e.g., checking balanced parentheses).</u>  <u>- Hands-on coding assignments to modify and manage data using lists and dictionaries</u>
<b><u>MAY</u></b>	<u>Ch- 3 Working with Functions</u> <u>Ch-4 File Handling</u>	<u>Small programs using functions</u>  <u>Write Python programs that handle file operations</u>
<b><u>JULY</u></b>	<u>Ch- 5 File Handling</u> <u>Ch -6 Exception Handling</u>	<u>Write Python that handle file operations</u>  <u>- Build a project like a text-based file manager or a weather data logger.</u>

<p><b><u>AUGUST</u></b></p>	<p><b><u>Ch- 7 Data Structure</u></b></p> <p><b><u>Ch- 8 Computer Network-1</u></b></p>	<p><b><u>Set up a simple local area network (LAN) at home/school and simulate file sharing.</u></b></p> <p><b><u>- Understand the working of IP addressing and ping.</u></b></p>
<p><b><u>SEPTEMBER</u></b></p>	<p><b><u>Ch-9 Computer Network -2</u></b></p> <p><b><u>Ch-10 Relational Database</u></b></p> <p><b><u>Ch-11 DML commands</u></b></p>	<p><b><u>Set up a simple local area network (LAN) at home/school and simulate file sharing.</u></b></p> <p><b><u>- Understand the working of IP addressing and ping.</u></b></p> <p><b><u>Hands-on practice with creating databases and tables.</u></b></p>

	<b><u>Ch-23 Inerface Python with MySql</u></b>	<p><b><u>- Write SQL queries to retrieve, insert, and update data.</u></b></p> <p><b><u>- Build a small database-driven project, such as a library management system or student database.</u></b></p> <p><b><u>- Use a DBMS tool (e.g., MySQL)to manage data and create reports.</u></b></p>
<b><u>OCTOBER</u></b>	<b><u>Revision + Term 1 Exam</u></b>	
<b><u>NOVEMBE</u> <b><u>R</u></b></b>	<b><u>Revision</u></b>	
<b><u>DECEMBE</u> <b><u>R</u></b></b>	<b><u>Revision</u></b>	
<b><u>JANUARY</u></b>	<b><u>REVISION</u></b>	

**SYLLABUS**

<b><u>PT-1</u></b>	<u>Ch-1 Python Revision Tour -1</u> <u>Ch-2 Python Revision Tour 2</u> <u>Ch-3 Functions</u>
<b><u>PT-2</u></b>	<u>Ch-1 Python Revision Tour -1</u> <u>Ch-2 Python Revision Tour 2</u> <b><u>Ch-3 Functions</u></b> <b><u>Ch- 4 Data File Handling</u></b>
<b><u>TERM1</u></b> <b><u>EXAM</u></b>	<u>Ch-1 Python Revision Tour -1</u> <u>Ch-2 Python Revision Tour 2</u> <u>Ch-3 Functions</u> <u>Ch- 4 Data File Handling</u> <u>Ch- 5 Data Structre</u> <u>Ch-6 Computer Network</u>
<b><u>PB1</u></b>	<u>Complete Syllabus</u>
<b><u>PB2</u></b>	<u>Complete Syllabus</u>

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**SUBJECT: BIOLOGY**

**Textbooks Prescribed : 1.BIOLOGY NCERT TEXT BOOK**

**2.BIOLOGY COMPREHENSIVE LAB MANUAL**

<u>MONTH</u>	<u>TOPICS</u>	<u>Experiential learning</u>
<u>APRIL</u>	<p><u>Chapter 1 Sexual reproduction in flowering plants</u></p> <p><u>Chapter 2 Human reproduction</u></p> <p><u>Chapter-3: Reproductive Health</u></p>	<p><u>1. Study of pollen germination</u></p> <p><u>2. Flowers adapted to pollination by different agencies.</u></p> <p><u>3.Pollen germination on stigma through a permanent slide and pictures.</u></p> <p><u>4.Controlled pollination-emasculati on, tagging and bagging</u></p>
<u>MAY</u>	<p><u>Chapter-4: Principles of Inheritance and Variation</u></p> <p><u>Chapter-5: Molecular Basis of Inheritance</u></p>	<p><u>5. T.S of testis and T.S of ovary through permanent slides</u></p> <p><u>6. T.S.. Blastula through permanent slide</u></p>
<u>JULY</u>	<p><u>Chapter-5: Molecular Basis of Inheritance (contd)</u></p> <p><u>Chapter-6: Evolution</u></p>	<p><u>7. Study the plant population density by quadrat method.</u></p>

		<p><u>8. Study the plant population frequency by quadrat method</u></p>
<p><u>AUGUST</u></p>	<p><u>Chapter-7: Human Health and Diseases</u></p> <p><u>Chapter- 8: Microbes in Human Welfare</u></p> <p><u>Chapter- 9: Biotechnology - Principles and Processes</u></p>	<p><u>9. Prepare a temporary mount of onion root tip to study mitosis.</u></p> <p><u>10. Isolate DNA from available plant material such as spinach, green pea seeds, papaya, banana etc.</u></p>
<p><u>SEPTEMBER</u></p>	<p><u>Chapter-10: Biotechnology and its Applications</u></p> <p><u>Chapter 11 : Organisms and Populations</u></p>	<p><u>11. Mendelian inheritance using seeds of different colour/sizes of any plant.</u></p> <p><u>12. Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness.</u></p> <p><u>13. Controlled pollination -</u></p>

		<u>emasculation, tagging and bagging.</u>
<u>OCTOBER</u>	<p><u>Chapter-12: Ecosystem</u></p> <p><u>Chapter-13: Biodiversity and its Conservation</u></p> <p><u>Revision of the syllabus</u></p>	<p><u>14. Common disease causing organisms like Ascaris, Entamoeba, Plasmodium, any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause.</u></p> <p><u>15. Models specimens showing symbiotic association in lichens, root nodules of leguminous plants, and parasitic mode of nutrition shown by Cuscuta on host.</u></p>
<u>NOVEMBER</u>	<u>PB 1 Revision</u>	<u>16. Flash cards / models showing examples of</u>

		<b><u>homologous and analogous organs.</u></b>
<b><u>DECEMBER</u></b>	<b><u>PB 2 Revision</u></b>	
<b><u>JANUARY</u></b>	<b><u>PT3 - Jan 2 week( Inhouse Practical exam)</u></b>	

<b><u>SYLLABUS</u></b>	
<b><u>PT-1</u></b>	<b><u>Chapter 1 Sexual reproduction in flowering plants</u></b> <b><u>Chapter 2 Human reproduction</u></b>
<b><u>PT-2</u></b>	<b><u>Chapter-3: Reproductive Health</u></b> <b><u>Chapter-4: Principles of Inheritance and Variation</u></b>

<b><u>TERM1 EXAM</u></b>	<b><u>Chapters 1 to 10</u></b>
<b><u>PB 1</u></b>	<b><u>Entire Syllabus</u></b>
<b><u>PB 2</u></b>	<b><u>Entire Syllabus</u></b>

**PT1 May**

**PT2 July end- Aug 1 week**

**Term 1 October**

**PB 1 November**

**PB 2 December**

**PT3 - Jan 2 week( Inhouse Practical exam)**

**SUBJECT: Physics**

**Textbooks Prescribed : NCERT Text Book**

<b><u>MONTH</u></b>	<b><u>TOPICS</u></b>	<b><u>Experiential learning</u></b>
<b><u>APRIL</u></b>	<b><u>1Electric Charge and Electric Field</u></b>	

<p><b><u>MAY</u></b></p>	<p><b><u>2Electric Potential and Capacitance</u></b></p> <p><b><u>3Electric Current</u></b></p> <p><b><u>4-Moving Charges and Magnetism</u></b></p>	<p><b><u>To determine resistance per cm of a given wire by plotting a graph of V-I</u></b></p> <p><b><u>2- To find resistance of given wire using metre bridge and hence determine the resistivity of its material.</u></b></p> <p><b><u>3- To verify laws of combination of resistances.</u></b></p>
<p><b><u>JULY</u></b></p>	<p><b><u>5- Magnetism and Matter</u></b></p> <p><b><u>6- Electromagnetic induction</u></b></p> <p><b><u>7- Alternating current</u></b></p>	<p><b><u>4- To determine the resistance of a galvanometer by half deflection method.</u></b></p>
<p><b><u>AUGUST</u></b></p>	<p><b><u>8- Electro magnetic Waves</u></b></p> <p><b><u>9- Ray Optics</u></b></p> <p><b><u>10- Wave Optics</u></b></p>	<p><b><u>5- To find focal length of concave mirror.</u></b></p> <p><b><u>6- To find focal length of convex lens.</u></b></p>
<p><b><u>SEPTEMBER</u></b></p>	<p><b><u>11- Dual Nature of Matter and Radiation.</u></b></p> <p><b><u>12- Atoms</u></b></p>	<p><b><u>7- To find the focal length of a convex mirror using convex lens.</u></b></p>

<b><u>OCTOBER</u></b>	<b><u>13- Nuclei.</u></b> <b><u>14- Semiconductors and devices.</u></b>	<b><u>8- To draw I- V characteristics curve of a p- n junction in forward bias and reverse bias.</u></b>
<b><u>NOVEMBER</u></b>	<b><u>PB 1</u></b>	
<b><u>DECEMBER</u></b>	<b><u>PB 2</u></b>	
<b><u>JANUARY</u></b>	<b><u>PT3 - Jan 2 week( Inhouse Practical exam)</u></b>	

<b><u>SYLLABUS</u></b>	
<b><u>PT-1</u></b>	<b><u>Ch-1,2</u></b>
<b><u>PT-2</u></b>	<b><u>Ch- 3,4</u></b>
<b><u>TERM1 EXAM</u></b>	<b><u>Ch-1 to ch- 8</u></b>

<b><u>PB 1</u></b>	<b><u>Full syllabus</u></b>
<b><u>PB 2</u></b>	<b><u>Full syllabus</u></b>

**SUBJECT: CHEMISTRY**

**Textbooks Prescribed : NCERT Chemistry Textbook for clas XII Part I and II**

<b><u>Month</u></b>	<b><u>Number and Name of</u></b>	<b><u>Experiential Learning</u></b>
<b><u>April 2025</u></b>	<b><u>Chapter 1-Solutions</u></b> <b><u>Chapter 6- Haloalkane and haloarene</u></b>	
<b><u>May 2025</u></b>	<b><u>Chapter 7- Alcohol, Phenol and Ether</u></b> <b><u>Chapter 2-Electrochemistry (Continue)</u></b>	<b><u>1.Titration of KMnO<sub>4</sub> against Mohr's salt</u></b>  <b><u>2.Chromatography</u></b>
<b><u>July 2025</u></b>	<b><u>Chapter 2-Electrochemistry</u></b>	<b><u>3.Titration of KMnO<sub>4</sub> against oxalic acid</u></b>

	<b><u>Chapter 3-Chemical kinetics</u></b>	<b><u>4.Test for functional groups</u></b>  <b><u>Alkene, Aldehyde and ketone</u></b>
<b><u>August 2025</u></b>	<b><u>Chapter 4-D and F block</u></b>  <b><u>Chapter 5- Coordination Compounds</u></b>	<b><u>5.Test for functional groups</u></b>  <b><u>Carboxylic acid, Alcohol , Phenol</u></b>
<b><u>September 2025</u></b>	<b><u>Chapter 8- Aldehyde, ketone and Carboxylic acid</u></b>	<b><u>6.To detect Anion and Cation in given salt</u></b>
<b><u>October 2025</u></b>	<b><u>Chapter 9 – Amine</u></b>  <b><u>Chapter10- Biomolecules</u></b>	<b><u>7.To detect Anion and Cation in given salt</u></b>

**PT 1 Syllabus Ch-1,Ch-6**

**PT-2 Syllabus Ch-2,Ch-7**

**Term 1 Ch-1,Ch-2,Ch-3,Ch-6,Ch-7**

**PB-1 Entire Syllabus**

**Pb-2 Entire Syllabus**

## SUBJECT: Psychology

### Textbooks Prescribed : NCERT textbook for psychology

<u>MONTH</u>	<u>TOPICS</u>	<u>Experiential learning</u>
<u>APRIL</u>	<ul style="list-style-type: none"> <li>● <u>Individual differences in the human functioning</u></li> <li>● <u>Theories of the intelligence</u></li> <li>● <u>Individual differences in the intelligence</u></li> <li>● <u>Culture and intelligence</u></li> <li>● <u>Emotional intelligence</u></li> <li>● <u>Creativity</u></li> </ul>	<ul style="list-style-type: none"> <li>● <u>Reflective journaling on personal experiences with intelligence</u></li> <li>● <u>Discussion: Theories of intelligence (e.g., multiple intelligences)</u></li> <li>● <u>Case studies of different personality types</u></li> <li>● <u>Discussion: Theories of personality (e.g., trait, humanistic)</u></li> </ul>
<u>MAY</u>	<ul style="list-style-type: none"> <li>● <u>Personality</u></li> <li>● <u>Concept or self</u></li> <li>● <u>Culture and self, concept of personality</u></li> <li>● <u>Type &amp; trait theory and freud's theory</u></li> <li>● <u>Major approaches to the study of personality and assessment of personality</u></li> </ul> <p><u>PRACTICAL 1</u></p>	<ul style="list-style-type: none"> <li>● <u>Reflective journaling on personal experiences with self and identity</u></li> <li>● <u>Discussion: Theories of self and identity (e.g., social identity theory)</u></li> <li>● <u>Discussion: Factors influencing personality development</u></li> </ul>
<u>JULY</u>	<ul style="list-style-type: none"> <li>● <u>Introduction</u></li> <li>● <u>Nature and types of stress</u></li> <li>● <u>Sources of the stress</u></li> <li>● <u>Effect of stress on psychological functioning and health coping with stress</u></li> <li>● <u>Promoting health and well being</u></li> </ul> <p><u>PRACTICAL 2</u></p>	<ul style="list-style-type: none"> <li>● <u>Stress management workshops or exercises</u></li> <li>● <u>Discussion: Strategies for coping with stress</u></li> <li>● <u>Case studies of individuals coping with life challenges</u></li> <li>● <u>Discussion: Importance of resilience and coping skills</u></li> </ul>

<p><u>AUGUST</u></p>	<ul style="list-style-type: none"> <li>• <u>Introduction, abnormality &amp; psychological disorders</u></li> <li>• <u>Factors underlying abnormal behavior</u></li> <li>• <u>Classification of psychological disorders Commonly abused substances</u></li> </ul> <p><u>PRACTICAL 3</u></p>	<ul style="list-style-type: none"> <li>• <u>Case studies of anxiety disorders</u></li> <li>• <u>Discussion: Symptoms, causes, and treatment options for anxiety disorders</u></li> <li>• <u>Discussion: Importance of understanding and addressing mood disorders</u></li> </ul>
<p><u>SEPTEMBER</u></p>	<ul style="list-style-type: none"> <li>• <u>Nature and process of psychotherapy</u></li> <li>• <u>Types of therapies:- psychodynamic, behavioral relaxation, cognitive humanistic, biomedical and alternative rehabilitation for the mentally ill</u></li> </ul>	<ul style="list-style-type: none"> <li>• <u>Discussion: Effectiveness of different therapies</u></li> <li>• <u>Discussion: Importance of alternative therapies in mental health</u></li> </ul>
	<p><u>CASE STUDY</u></p>	

<p><u>OCTOBER</u></p>	<ul style="list-style-type: none"> <li>● <u>Introduction</u></li> <li>● <u>Explaining social behaviour</u></li> <li>● <u>Nature and components of attitude</u></li> <li>● <u>Attitude formation &amp; change</u></li> <li>● <u>Prejudice &amp; discrimination</u></li> <li>● <u>Strategies for handling prejudice</u></li> <li>● <u>Social cognition, schemas and stereotype impression formation</u></li> <li>● <u>Behaviour in the presence of others</u></li> <li>● <u>Pro social behaviour</u></li> </ul>	<ul style="list-style-type: none"> <li>● <u>Reflective journaling on personal attitudes</u></li> <li>● <u>Discussion: Theories of attitudes (e.g., cognitive dissonance)</u></li> <li>● <u>Case studies of social cognition</u></li> <li>● <u>Discussion: Importance of social cognition in understanding human behavior</u></li> </ul>
<p><u>NOVEMBER</u></p>	<ul style="list-style-type: none"> <li>● <u>Nature &amp; formation of groups</u></li> <li>● <u>Types of groups</u></li> <li>● <u>Influence of group on individual behaviour</u></li> </ul> <p><u>PRACTICAL 4</u></p> <p><u>PRACTICAL 5</u></p>	<ul style="list-style-type: none"> <li>● <u>Discussion: Theories of social influence (e.g., conformity, obedience)</u></li> </ul>
<p><u>DECEMBER</u></p>	<ul style="list-style-type: none"> <li>● <u>Conformity, compliance &amp; obedience</u></li> <li>● <u>Cooperation &amp; competition</u></li> <li>● <u>social identity</u></li> <li>● <u>Inter group conflict</u></li> </ul>	<ul style="list-style-type: none"> <li>● <u>Group discussions or debates on social issues</u></li> <li>● <u>Discussion: Importance of group dynamics in social psychology</u></li> </ul>
<p><u>JANUARY</u></p>	<p><u>REVISION</u></p>	

SYLLABUS

<u>PT-1</u>	<u>Chapter 1</u>
<u>PT-2</u>	<u>Chapter 2</u> <u>Chapter 3</u>
<u>TERM1</u> <u>EXAM</u>	<u>Chapter 1</u> <u>Chapter 2</u> <u>Chapter 3</u>
<u>PT3</u>	<u>Chapter 4</u> <u>Chapter 5</u>
<u>ANNUAL</u> <u>EXAM</u>	<u>All chapters</u>

**SUBJECT: Physical education**

**Textbooks Prescribed : Big think**

<b><u>MONTH</u></b>	<b><u>TOPICS</u></b>	<b><u>Experiential learning</u></b>
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<p><b><u>APRIL</u></b></p>	<p><b><u>Ch-1 management of sporting event</u></b></p> <p><b><u>Ch-2 children and women in sports</u></b></p>	<p><b><u>Enhances problem-solving and leadership skills.</u></b></p> <p><b><u>Builds teamwork and communication.</u></b></p> <p><b><u>Develops a deeper understanding of event logistics and stakeholder management</u></b></p> <p><b><u>Skill-based Games:</u></b> <b><u>Use fun, age-appropriate games to teach sports fundamentals.</u></b></p> <p><b><u>Mini Tournaments:</u></b> <b><u>Let kids take roles like captains, referees, or announcers to learn organization.</u></b></p> <p><b><u>Role Reversal Activities: Let women lead training or referee games to build leadership</u></b></p>
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<p><b><u>MAY</u></b></p>	<p><b><u>Ch-3 yoga as preventive measures for lifestyle diseases</u></b></p> <p><b><u>Ch-5 sports and nutrition</u></b></p>	<p><b><u>Interactive sessions on causes and symptoms of lifestyle diseases.</u></b></p> <p><b><u>Introduction to the science and philosophy of yoga.</u></b></p> <p><b><u>Case studies or testimonials from people who benefited from yoga.</u></b></p> <p><b><u>Interactive Workshops: Topics like energy balance, meal timing, hydration, and sports supplements</u></b></p> <p><b><u>Meal Planning: Students or athletes create meal plans for different sports or training phases</u></b></p> <p><b><u>Supplements: When they're necessary, and what's safe or unsafe.</u></b></p>
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<p><b><u>JULY</u></b></p>	<p><b><u>Ch-4 physical education and sports for CWSN</u></b></p> <p><b><u>Ch- 6 test and measurement in sports</u></b></p>	<p><b><u>Sensitization Workshops: For peers, teachers, and volunteers on disability awareness.</u></b></p> <p><b><u>Modified Physical Activities: Balance games, wheelchair races, or soft-ball games adapted for different abilities</u></b></p> <p><b><u>Safety and Accessibility: Ensure a secure and accommodating environment.</u></b></p> <p><b><u>Workshop on Fitness Components: Flexibility, speed, strength, agility, etc.</u></b></p> <p><b><u>Peer Assessment: Students test and record results for one another.</u></b></p>
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<p><b><u>AUGUST</u></b></p>	<p><b><u>Ch-7 physiology and injuries in sports</u></b></p> <p><b><u>Ch-8 biomechanics in sports</u></b></p>	<p><b><u>Interactive Lectures:</u></b> <b><u>On cardiovascular, muscular, and respiratory systems in sport.</u></b></p> <p><b><u>Body Response</u></b> <b><u>Activities: Monitor heart rate, breathing rate, and fatigue before, during, and after exercise</u></b></p> <p><b><u>Interactive Sessions:</u></b> <b><u>Basics of motion types, levers in the human body, force application.</u></b></p> <p><b><u>Video Motion</u></b> <b><u>Analysis: Record and slow down movements to observe joint angles, posture, and coordination.</u></b></p> <p><b><u>Kinetic and Kinematic</u></b> <b><u>Activities: Measure speed, distance, and angles using tools or apps.</u></b></p>
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<p><b><u>SEPTEMBER</u></b></p>	<p><b><u>Ch-9 psychology and sports</u></b></p> <p><b><u>Ch-10 training in sports</u></b></p>	<p><b><u>Self-Assessment Tools:</u></b>  <b><u>Use psychological inventories (e.g., Sport Anxiety Scale, Motivation Questionnaire).</u></b></p> <p><b><u>Team-Building Games: Activities that test trust, communication, and collective decision-making.</u></b></p> <p><b><u>Theory Workshops:</u></b>  <b><u>On types of training (aerobic, anaerobic, strength, flexibility), energy systems, and training cycles.</u></b></p> <p><b><u>Skill Drills &amp; Conditioning:</u></b>  <b><u>Hands-on sessions focusing on agility, balance, power, endurance</u></b></p> <p><b><u>Types of Training (Fartlek, Interval, Circuit, Resistance)</u></b></p>
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		<u>Training Principles (FITT, SAID, Periodization)</u>  <u>Monitoring Tools (HR monitoring, RPE scale, performance metrics)</u>
<u>OCTOBER</u>	<u>Term 1</u>	
<u>NOVEMBER</u>	<u>PB 1</u>	
<u>DECEMBER</u>	<u>PB 2</u>	
<u>JANUARY</u>	<u>PT3 - Jan 2 week( Inhouse Practical exam)</u>	

<u>SYLLABUS</u>	
<u>PT-1</u>	<u>Unit 1, unit 2 and unit 5</u>

<b><u>PT-2</u></b>	<b><u>Unit 3, unit 4 and unit 6</u></b>
<b><u>TERM1 EXAM</u></b>	<b><u>Unit 1, unit 2, unit 3, unit 4, unit 5, unit 6 and unit 7</u></b>
<b><u>PB 1</u></b>	<b><u>Whole syllabus ( all ten units)</u></b>
<b><u>PB 2</u></b>	<b><u>Whole syllabus ( all ten units)</u></b>

## **BUSINESS STUDIES**

**Textbook Prescribed:-Subash dey, Poonam gandhi**

<b><u>MONTH</u></b>	<b><u>XII-BUSINESS STUDIES</u></b>	<b><u>EXPERIENTIAL LEARNING</u></b>
<b><u>April</u></b>	<b><u>Ch-1-Nature and Significance of management</u></b>  <b><u>Ch-2- Principles of management</u></b>  <b><u>Ch-3- Business Environment</u></b>	<b><u>1)Real life application of management concepts</u></b>  <b><u>2)Understanding Organisational Behaviour</u></b>  <b><u>3) Decision making skills and team</u></b>

		<u>collaboration and leadership</u>  <u>4)Sensitivity to business environment</u>  <u>5)Ethical and social responsibility awareness</u>
<u>May</u>	<u>Ch-11- Marketing</u>  <u>Ch- 12- Consumer Protection</u>	<u>1) Practical understanding of marketing concepts</u>  <u>2)Consumer awareness behaviour</u>  <u>3) Understanding consumer rights and responsibilities</u>
<u>July</u>	<u>Ch-4- Planning</u>  <u>Ch-5- Organising</u>  <u>Ch-6- Staffing</u>	<u>1) Strategic thinking through planning activities</u>  <u>2)Resource allocation and Role clarity via organising</u>  <u>3)undersranding Team Strcuture and Leadership and Delegation skills</u>

<b><u>August</u></b>	<b><u>Ch-6- Staffing( Contd)</u></b> <b><u>Ch-7- Directing</u></b> <b><u>Ch-8- Controlling</u></b>	<b><u>1) Leadership and motivation experience</u></b> <b><u>2) Improved communication skills</u></b> <b><u>3) Goal setting and performance tracking and Problem solving and corrective action</u></b>
<b><u>September</u></b>	<b><u>Ch-9- Financial Management</u></b> <b><u>Ch-10- Financial Market</u></b>	<b><u>1) Budgeting and personal finance awareness</u></b> <b><u>2) Insight into stock market functioning</u></b> <b><u>3) Analysing and interpreting financial data and risk and return</u></b>
<b><u>October</u></b>	<b><u>Revision</u></b>	
<b><u>November</u></b>	<b><u>Revision</u></b>	
<b><u>December</u></b>		

	<u>BST</u>
<u>PT 1</u>	<u>Chapter 1,2,3</u>
<u>PT 2</u>	<u>Chapter 11.12, 4 , 5</u>
<u>Term 1 Exam</u>	<u>Ch 1 to 8 , 11 and 12</u>
<u>PB 1</u>	<u>whole syllabus</u>
<u>PB 2</u>	<u>whole syllabus</u>

## ACCOUNTS

Textbook Prescribed:-TS Grewal, DK Goel

<u>MONTH</u>	<u>XII-ACCOUNTS</u>	<u>Experiential Learning</u>
<u>April</u>	<u>Ch-1- Accounting for Partnership- Fundamentals</u> <u>Ch-2- Goodwill</u> <u>Ch-3-Change in Profit Sharing Ratio</u> <u>Ch-4-Admission of partner</u>	<u>1)undewrstanding real world business relationship of how partnership works.</u>  <u>2)decision making in Business restructuring and valuing goodwill</u>

		<b><u>in practical solutions</u></b>
<b><u>May</u></b>	<b><u>Ch-5-Retirement of Partner</u></b> <b><u>Ch-6-Death of Partner</u></b>	<b><u>1) understanding real world partnership dynamics of legal implications when partner retires or passes away.</u></b>  <b><u>2) Collaborative problem solving while preparing reconstituted balance sheet</u></b>
<b><u>July</u></b>	<b><u>Ch-7 - Dissolution of partnership</u></b> <b><u>BOOK 2</u></b> <b><u>Ch-1-Accounting for Share Capital</u></b>	<b><u>1) Real world application of accounting procedure during business closure.</u></b>  <b><u>2) Financial Judgement and Analytical skills</u></b>
<b><u>August</u></b>	<b><u>Ch-1-Accounting for Share Capital( Contd)</u></b> <b><u>Ch-2 -Issue and Redemption of Debentures</u></b>	<b><u>1) Understanding real world Corporate financing</u></b>

		<p><b><u>2)Linking theories and company practices</u></b></p> <p><b><u>3) preparation of commerce careers</u></b></p>
<b><u>September</u></b>	<p style="text-align: center;"><b><u>BOOK 3</u></b></p> <p><b><u>Ch-1-Financial Statements of company</u></b></p> <p><b><u>Ch-2-Financial Statement Analysis</u></b></p> <p><b><u>Ch-3-Comparative and Common Size</u></b></p> <p><b><u>Ch-4-Accounting Ratios</u></b></p>	<p><b><u>1)practical analysis of financial data</u></b></p> <p><b><u>2) Analytical thinking and evaluating financial healthand reasoned judgement regarding business.</u></b></p> <p><b><u>3)Confidence in financial literacy</u></b></p>
<b><u>October</u></b>	<p><b><u>Ch-4- Accounting Ratios( Contd)</u></b></p> <p><b><u>Ch-5- Cash Flow Statement</u></b></p>	<p><b><u>1) interpretation of financial health and practical application of ratios.</u></b></p> <p><b><u>2) understanding cash movements</u></b></p> <p><b><u>3)Enhanced analytical skills,</u></b></p>

		<b><u>linking theory and practices</u></b> <b><u>4) Confidence in Financial Analysis</u></b>
<b><u>November</u></b>	<b><u>Revision</u></b>	
<b><u>December</u></b>	<b><u>Revision</u></b>	

	<b><u>Accounts</u></b>
<b><u>PT 1</u></b>	<b><u>Chapter 1,2,3,4</u></b>
<b><u>PT 2</u></b>	<b><u>Chapter 5,6,7</u></b>
<b><u>Term 1 Exam</u></b>	<b><u>Chapter 1 to 7(book 1)</u></b> <b><u>chapter 1 &amp; 2 (Book 2)</u></b>
<b><u>PB 1</u></b>	<b><u>whole syllabus</u></b>
<b><u>PB 2</u></b>	<b><u>whole syllabus</u></b>

## SUBJECT: HISTORY

Textbooks Prescribed : Themes in Indian History Part 1

Themes in Indian History Part 2

Themes in Indian History Part 3

<u>MONTH</u>	<u>TOPICS</u>	<u>Experiential learning</u>
<u>APRIL</u>	<u>Ch 1: Bricks, Beads and Bones</u> <u>Ch 2: Kings, Farmers and Towns</u>	<u>Map Work on Harappan sites</u>  <u>Field trip to National Museum ( if possible )</u>
<u>MAY</u>	<u>Ch 3. Kingship, Caste and Class</u> <u>Ch 4. Thinkers, Beliefs and Building</u>	<u>Group discussion : Evolution of caste system</u>

<p><b><u>JULY</u></b></p>	<p><b><u>Ch 5. Through the eyes of travellers</u></b></p> <p><b><u>Ch 6. Bhakti - Sufi traditions</u></b></p> <p><b><u>Ch 7. An Imperial Capital - Vijayanagara (14th-16th centuries)</u></b></p>	<p><b><u>Comparative study on Buddhism vs. Jainism.</u></b></p> <p><b><u>Research on Bhakti or Sufi saints</u></b></p> <p><b><u>Discussion: Vijayanagara architecture and economy.</u></b></p>
<p><b><u>AUGUST</u></b></p>	<p><b><u>Ch 8. Peasants, Zamindars, and the State</u></b></p> <p><b><u>Ch 9: Colonialism and the Countryside</u></b></p> <p><b><u>Ch 10: Rebels and the Raj</u></b></p>	<p><b><u>Virtual Tour: Explore Hampi ruins.</u></b></p> <p><b><u>Map Work : Centres of 1857 Revolt</u></b></p>
<p><b><u>SEPTEMBER</u></b></p>	<p><b><u>Ch 11: Mahatma Gandhi and the Nationalist Movement</u></b></p> <p><b><u>Ch 12: Framing the Constitution</u></b></p>	<p><b><u>Primary Source Analysis: Excerpts from Gandhi's writings</u></b></p>

<b><u>OCTOBER</u></b>	<b><u>TERM 1 Exam (Full Syllabus Revision)</u></b>	=
<b><u>NOVEMBER</u></b>	<b><u>PB 1</u></b>	=
<b><u>DECEMBER</u></b>	<b><u>PB 2</u></b>	=
<b><u>JANUARY</u></b>	<b><u>PT3 - Jan 2 week( Inhouse Practical exam)</u></b>	=

<b><u>SYLLABUS</u></b>	
<b><u>PT-1</u></b>	<b><u>Ch 1, Ch 2, Ch 3</u></b>
<b><u>PT-2</u></b>	<b><u>Ch4, Ch 5, Ch 6, Ch 7</u></b>
<b><u>TERM1 EXAM</u></b>	<b><u>Ch 1 - Ch 10</u></b>
<b><u>PB 1</u></b>	<b><u>Full Syllabus</u></b>

<b><u>PB 2</u></b>	<b><u>Full Syllabus</u></b>
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**SUBJECT: ECONOMICS**

**Textbooks Prescribed : Sandeep Garg, TR Jain, NCERT**

**Macroeconomics & Indian Economic Development**

<b><u>MONTH</u></b>	<b><u>TOPICS</u></b>	<b><u>Experiential learning</u></b>
<b><u>APRIL</u></b>	<p><b><u>Unit-1 National income and related aggregates</u></b></p> <p><b><u>: Chapter-1. Introduction</u></b></p> <p><b><u>: Chapter-2. Some Basic concepts of Macroeconomics.</u></b></p> <p><b><u>: Chapter-3 National income and related aggregates</u></b></p> <p><b><u>: Chapter-4 Methods of calculating National income.</u></b></p> <p><b><u>Unit-2 Money and Banking</u></b></p> <p><b><u>: Chapter-5- Money</u></b></p> <p><b><u>: Chapter 6-- Banking</u></b></p>	<p><b><u>1. Calculating National Income: Use real-life data to calculate national income using different methods (product, income, expenditure).</u></b></p> <p><b><u>2. Analyzing GDP Growth Rate: Examine GDP growth rate trends and discuss factors influencing economic growth.</u></b></p> <p><b><u>3. Comparing Per Capita Income: Compare per capita income across different countries or regions.</u></b></p>

<p><b><u>MAY</u></b></p>	<p><b><u>Unit- 6 Development Experience (1947-90) and economic reforms since 1991</u></b></p> <ul style="list-style-type: none"> <li>· <b><u>Chapter 1- Indian economy on the eve of independence</u></b></li> <li>· <b><u>Chapter 2- Indian Economy (1950-1990)</u></b></li> <li>· <b><u>Chapter 3- Economic Reforms since 1991; NEP</u></b></li> </ul>	<p><b><u>1. Case Study: Analyze India's economic development policies and their impact on growth and poverty reduction.</u></b></p> <p><b><u>2. Data Analysis: Examine trends in India's GDP, inflation, and employment rates.</u></b></p>
<p><b><u>JULY</u></b></p>	<p><b><u>Unit- 3 Determination of Income and Employment</u></b></p> <ul style="list-style-type: none"> <li>· <b><u>Chapter 7- Aggregate Demand, Aggregate Supply and Related Concepts</u></b></li> <li>· <b><u>Chapter 8- Short Run Equilibrium Output</u></b></li> <li>· <b><u>Chapter 9- Problem of deficient and Excess Demand.</u></b></li> </ul> <p><b><u>Unit4- Government Budget and the economy</u></b></p> <ul style="list-style-type: none"> <li>· <b><u>Chapter 10- government Budget and the economy</u></b></li> </ul>	<p><b><u>1. Price Index Calculation: Calculate a personal price index to track changes in prices of essential goods and services.</u></b></p> <p><b><u>2. Inflation Simulation: Simulate the effects of inflation on purchasing power and savings.</u></b></p> <p><b><u>3. Case Study: Analyze historical examples of hyperinflation or deflation.</u></b></p>

<b><u>AUGUST</u></b>	<p><b><u>Unit – 7 Current Challenges facing Indian Economy</u></b></p> <ul style="list-style-type: none"> <li><b><u>: Chapter 4- Human Capital Formation in India</u></b></li> <li><b><u>· Chapter 5- Rural Development</u></b></li> <li><b><u>· Chapter 6- Employment</u></b></li> </ul>	<p><b><u>Make power point presentation on non-agricultural activities in rural areas</u></b></p>
<b><u>SEPTEMBER</u></b>	<p><b><u>Unit- 7 Current Challenges facing Indian Economy</u></b></p> <ul style="list-style-type: none"> <li><b><u>· Chapter 7- Environment and Sustainable Development</u></b></li> </ul> <p><b><u>Unit- 8 Development Experience of India- A comparison with Neighbors</u></b></p> <ul style="list-style-type: none"> <li><b><u>: Chapter 8- Comparative Development Experiences of India and its neighbors.</u></b></li> </ul> <p><b><u>Unit- 5 Balance of Payments</u></b></p> <ul style="list-style-type: none"> <li><b><u>· Chapter 11- Foreign Exchange rate.</u></b></li> </ul>	<p><b><u>Project Work on different topics</u></b></p>
<b><u>OCTOBER</u></b>	<p><b><u>Unit- 5 Balance of Payments</u></b></p> <ul style="list-style-type: none"> <li><b><u>: Chapter 12- Balance of payments</u></b></li> </ul> <p><b><u>REVISION</u></b></p>	
<b><u>NOVEMBER</u></b>	<p><b><u>REVISION &amp; Project Work</u></b></p> <p><b><u>Pre-Board-1</u></b></p>	<p><b><u>Project Work on different topics</u></b></p>

<b><u>DECEMBER</u></b>	<b><u>REVISION</u></b> <b><u>Pre-Board-2</u></b>	
<b><u>JANUARY</u></b>	<b><u>REVISION</u></b>	

<b><u>PT-1</u></b>	<b><u>Macro Ch-1,2,3,4 IED Ch-1</u></b>
<b><u>PT-2</u></b>	<b><u>Macro ch-5,6 IED Ch 2, 3</u></b>
<b><u>TERM1 EXAM</u></b>	<b><u>All covered till September</u></b>
<b><u>Pre-Board 1</u></b>	<b><u>Full syllabus as prescribed by CBSE</u></b>
<b><u>Pre-Board 2</u></b>	<b><u>Full syllabus as prescribed by CBSE</u></b>

## **SUBJECT: POLITICAL SCIENCE**

Textbooks Prescribed : **BOOK 1 CONTEMPORARY WORLD POLITICS**

**BOOK 2 POLITICS IN INDIA SINCE INDEPENDENCE**

<b>MONTH</b>	<b>TOPICS</b>	<b>Experiential learning</b>
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