

**Jagat Taran Golden Jubilee School, Prayagraj**  
**Syllabus Break-up Exam-Wise 2025-26**  
**CLASS XII**



**PHYSICS (042)**

SR.NO	EXAM	SYLLABUS
1.	PERIODIC TEST – 1 (MAY)	Chapter – 1 Chapter – 2
2.	PERIODIC TEST – 2 (AUGUST)	Chapter – 1 Chapter – 2 Chapter – 3
3.	PERIODIC TEST – 3 (HALF-YEARLY) (OCTOBER)	Chapter – 1 Chapter – 2 Chapter – 3 Chapter – 4 Chapter – 5 Chapter – 6 Chapter – 7 Chapter – 8
4.	PRE-BOARD (DECEMBER)	FULL SYLLABUS

**CHEMISTRY (043)**

EXAMS	SYLLABUS
Periodic Test-1 (May)	Solutions
Periodic Test-2 (Aug)	Solutions Electrochemistry
Periodic Test-3 (Half yearly) (October)	Solutions Electrochemistry Chemical Kinetics d and f Block Elements Coordination compounds
Pre-board (December)	Solutions Electrochemistry Chemical Kinetics d and f Block Elements Coordination compounds Haloalkanes and Haloarenes Alcohols Phenols and Ethers Aldehydes, Ketones and Carboxylic Acids Amines Biomolecules

**MATHEMATICS (041)**

PERIODIC TEST / EXAMS	CHAPTERS
PERIODIC TEST- 1 (MAY)	<ul style="list-style-type: none"><li>• Relations and Functions</li></ul>
PERIODIC TEST- 2 (AUGUST)	<ul style="list-style-type: none"><li>• Inverse Trigonometric Functions</li><li>• Matrices</li><li>• Determinants</li></ul>
PERIODIC TEST- 3 Half-yearly (OCTOBER)	<ul style="list-style-type: none"><li>• Relation and Functions.</li><li>• Inverse Trigonometric Functions</li><li>• Matrices and Determinants</li><li>• Continuity and Differentiability</li><li>• Applications of Derivatives</li><li>• Integrals</li></ul>
PRE-BOARD	FULL BOOK ACCORDING TO THE PRESCRIBED SYLLABUS OF 2025 – 2026 BY CBSE.

**APPLIED MATHEMATICS (241)**

PERIODIC TEST / EXAMS	CHAPTERS
PERIODIC TEST- 1 (MAY)	<ul style="list-style-type: none"><li>• Numbers Quantification and Numerical Applications.</li></ul>
PERIODIC TEST- 2 (AUGUST)	<ul style="list-style-type: none"><li>• Numerical inequality</li><li>• Linear programming Problems</li><li>• Matrices</li></ul>
PERIODIC TEST- 3 Half-yearly (OCTOBER)	<ul style="list-style-type: none"><li>• Matrices and Determinants</li><li>• Differentiation</li><li>• Applications of Derivatives</li><li>• Integrals</li></ul> <p>NOTE: P.T- 1 and P.T.- 2 CHAPTERS ALSO INCLUDED</p>
PRE-BOARD (December)	FULL BOOK ACCORDING TO THE PRESCRIBED SYLLABUS OF 2025 – 2026 BY CBSE.

**BIOLOGY (241)**

<b><i>Sr. No.</i></b>	<b><i>Exam</i></b>	<b><i>Chapter's Name</i></b>
<b><i>1.</i></b>	<b><i>Periodic Test 1 (May)</i></b>	<b><i>1. Sexual Reproduction in flowering Plant</i></b>
<b><i>2.</i></b>	<b><i>Periodic Test 2 (August)</i></b>	<b><i>1. Sexual Reproduction in flowering plant 2. Human Reproduction 3. Reproductive Health</i></b>
<b><i>3.</i></b>	<b><i>Periodic Test 3 (October)</i></b>	<b><i>1. Sexual Reproduction in flowering Plants 2. Human Reproduction 3. Reproductive Health 4. Microbes in human welfare 5. Human Health and Disease 6. Organisms and Populations 7. Ecosystem 8. Biodiversity and its Conservation</i></b>
<b><i>4.</i></b>	<b><i>Pre Board (December)</i></b>	<b><i>1. Sexual Reproduction in flowering Plants 2. Human Reproduction 3. Reproductive Health 4. Microbes in human welfare 5. Human Health and Disease 6. Organisms and Populations 7. Ecosystem 8. Biodiversity and its Conservation 9. Biotechnology – Principles and Processes 10. Applications of Biotechnology 11. Principles of Inheritance 12. Molecular Basis of Inheritance 13. Evolution</i></b>

## **ECONOMICS (030)**

<b>Sr. No.</b>	<b>EXAM</b>	<b>Chapter's Name</b>
<b>1.</b>	<b>PERIODIC TEST 1</b>	<ul style="list-style-type: none"><li>• Circular flow of Income</li><li>• Basics Concepts of Macroeconomics</li><li>• Indian Economy on the Eve of Independence</li></ul>
<b>2.</b>	<b>PERIODIC TEST 2</b>	<ul style="list-style-type: none"><li>• National Income and Related Aggregates</li><li>• Money</li><li>• Banking</li><li>• Methods of Calculating National Income</li><li>• Indian Economy (1950-1990)</li></ul> <p><b><u>Note : In PT2 ; PT-1 Syllabus is Included</u></b></p>
<b>3.</b>	<b>PERIODIC TEST 3 / HALF-YEARLY</b>	<ul style="list-style-type: none"><li>• Aggregate Demand and Related Concepts</li><li>• Income Determination and Multiplier</li><li>• Liberalisation, Privatisation and Globalisation : An Appraisal</li><li>• Excess Demand and Deficient Demand</li><li>• Rural Development</li><li>• Human Capital Formation</li><li>• Government Budget and the Economy</li><li>• Foreign Exchange Rate</li></ul> <p><b><u>Note: In PT3; PT1 &amp; PT2 Syllabus is Included</u></b></p>
<b>4.</b>	<b>PRE BOARD EXAM</b>	<ul style="list-style-type: none"><li>• Balance of Payment</li><li>• Employment : Growth, Informalisation and other issues</li><li>• Environment and Sustainable Development</li><li>• Comparative Development Experience of India and it`s Neighbours</li></ul> <p><b><u>Note: In Pre-board; PT1, PT2 &amp; PT3 Syllabus is Included</u></b></p>

## **HISTORY (027)**

<b>Assessment Type</b>	<b>Chapters</b>	<b>Activity</b>
<b><u>Periodic test 1</u></b>	<b>Themes in Indian History I</b> Ch1. Indus Valley Civilisation. <b>Themes in Indian History II</b> Ch5. Through the Eyes of Travellers.	Map-Work.
<b><u>Periodic Test 2</u></b>	<b>Themes in Indian History I</b> Ch2. Kings, Farmers and Towns. <b>Themes in Indian History II</b> Ch6. Bhakti, Sufi Traditions. <b>Themes in Indian History III</b> Ch9. Colonialism and The Countryside.	
<b><u>Periodic Test 3</u></b> <b><u>(Half Yearly)</u></b>	<b>Themes in Indian History I</b> Ch1. Indus Valley Civilisation. Ch2. Kings, Farmers and Towns. <b>Themes in Indian History II</b> Ch5. Through the Eyes of Travellers. Ch6. Bhakti, Sufi Traditions. <b>Themes in Indian History III</b> Ch9. Colonialism and The Countryside. Ch10. Rebels and The Raj. Ch11. Mahatma Gandhi and The National Movement.	Map Assessment.
<b><u>Pre-Board</u></b>	<b>Themes in Indian History I</b> Ch1. Indus Valley Civilisation. Ch2. Kings, Farmers and Towns. Ch3. Kinship, Caste and Class. Ch4. Thinkers, Beliefs and Buildings. <b>Themes in Indian History II</b> Ch5. Through the Eyes of Travellers. Ch6. Bhakti, Sufi Traditions. Ch7. An Imperial Capital Vijaynagara. Ch8. Peasants, Zamindars and The State. <b>Themes in Indian History III</b> Ch9. Colonialism and The Countryside. Ch10. Rebels and The Raj. Ch11. Mahatma Gandhi and The National Movement. Ch12. Framing the Constitution.	Map Assessment.

## **GEOGRAPHY (029)**

<b>PERIODIC TESTS/EXAMS</b>	<b>CHAPTERS</b>
<b>PERIODIC TEST I (MAY)</b>	Book-I Fundamentals of Human Geography L-1 Human Geography Nature and Scope L-2 The World Population, Distribution, Density and Growth Book -II L-1 Population : Distribution, Density, Growth and Composition ( Till - Growth of Population page no.7)
<b>PERIODIC TEST II ( AUGUST )</b>	Book-I L-3 Human Development  Book-II L- 1 Population : Distribution, Density, Growth and Composition ( Entire Chapter) L- 2 Human Settlements
<b>PERIODIC TEST -III ( HALF - YEARLY EXAM ) ( OCTOBER )</b>	Book-1 L-2 The World Population Distribution, Density and Growth L-4 Primary Activities L-5 Secondary Activities L-6 Tertiary and Quarternary Activities Book -II L-2 Human Settlements L-3 Land Resources and Agriculture L-4 Water Resources L-5 Mineral and Energy Resources L-6 Planning and Sustainable Development in Indian Context GEOGRAPHY PRACTICAL EXAM (HALF -YEARLY) L-1 Data-- It's Source and Compilation L-2 Data Processing L-3 Representation of Data

**PRE BOARD EXAM  
( DECEMBER )**

Book -I

L-1 Human Geography Nature and scope

L- 2 The World Population Distribution, Density and Growth

L-3 Human Development

L-4 Primary Activities

L-5 Secondary Activities

L-6 Tertiary and Quaternary Activities

L-7 Transport and Communication

L-8 International Trade

Book -II

L-1 Population : Distribution, Density, Growth and Composition

L2 Human Settlements

L-3 Land Resources and Agriculture

L-4 Water Resources

L-5 Mineral and Energy Resources

L-6 Planning and Sustainable Development in the Indian Context

L-7 Transport and Communication

L-8 International Trade

L- 9 Geographical Perspective on Selected Issues and Problems

**GEOGRAPHY PRACTICAL EXAM (PRE BOARD)**

L- 1 Data - It's Source and Compilation

L-2 Data Processing

L-3 Representation of Data

L-4 Spatial Information Technology



## **ACCOUNTANCY (055)**

<b>EXAMS</b>	<b>CHAPTER/TOPIC</b>
<b>Periodic Test-1 (May)</b>	Ch 1. <b>Accounting for Partnership Firms</b> – Fundamentals (Excluding Past Adjustments)
<b>Periodic Test-2 (August)</b>	Ch 1. <b>Accounting for Partnership Firms</b> – Fundamentals (Past Adjustments) Ch 2. Goodwill: Meaning, Nature, Factor affecting and need for valuation. Ch 2. Change in Profit Sharing Ratio Among Existing Partners. Ch 3. Admission of a Partner. <b>(Including syllabus for PT 1)</b>
<b>Periodic Test-3 (Half yearly) (October)</b>	Ch 4. Retirement and Death of a Partner Ch 5. Dissolution of a Partnership Firm – Meaning, Types, Preparation of Realization account <b>Company Accounts -</b> Ch 1. Accounting for Share Capital Ch 3 & 4. Comparative Statements and Common Size Statements <b>Financial Statement Analysis -</b> Ch 1. Financial Statements of a Company- Balance Sheet <b>(Including syllabus for PT 1 &amp; 2)</b>
<b>Pre-board (December)</b>	<b>Financial Statement Analysis-</b> Ch 2. Meaning, Significance, Objectives, Importance and limitations. Ch 3. Accounting Ratios Ch 4. Cash Flow Statements <b>Partnership Accounts -</b> Ch 5. Dissolution of Partnership firm - Other related accounts, capital accounts of partners and cash/bank a/c <b>Company Accounts -</b> Ch 2. Accounting for Debentures. <b>(Including syllabus for PT 3)</b>

## **BUSINESS STUDIES (054)**

<b>EXAMS</b>	<b>CHAPTER/TOPIC</b>
<b>Periodic Test-1</b>	1. Nature and Significance of Management
<b>Periodic Test - 2</b>	1. Principles of Management 2. Business Environment 3. Planning
<b>Periodic Test - 3 (Half Yearly)</b>	1. Organising 2. Staffing 3. Directing 4. Controlling 5. Financial Management 5. Financial Management Plus one chapter of PT- 1 and three chapters of PT - 2
<b>Pre - Board Examination</b>	1. Financial Market 2. Marketing Management 3. Consumer Protection Plus Syllabus of PT - 1 ,PT - 2 and PT - 3

**ENGLISH (055)**

Sr. No.	Exam	Chapter's Name/ Topics
1.	Periodic Test - 1 (May)	<ul style="list-style-type: none"><li>➤ <i>The Last Lesson</i></li><li>➤ <i>My Mother at Sixty Six (Poem)</i></li><li>➤ <i>The Third Level</i></li><li>➤ Notice writing</li></ul>
2.	Periodic Test- 2 (August )	<ul style="list-style-type: none"><li>➤ <i>Lost Spring</i></li><li>➤ <i>Deep Water</i></li><li>➤ <i>Keeping Quiet (Poem)</i></li><li>➤ <i>Journey to the End of the Earth</i></li><li>➤ <i>Letter to the Editor</i></li></ul>
3.	Half Yearly Exam (October)	<ul style="list-style-type: none"><li>➤ <i>The Last Lesson</i></li><li>➤ <i>Lost Spring</i></li><li>➤ <i>Deep Water</i></li><li>➤ <i>The Rattrap</i></li><li>➤ <i>Indigo</i></li><li>➤ <i>Poets And Pancakes</i></li><li>➤ <i>My Mother at Sixty Six (Poem)</i></li><li>➤ <i>Keeping Quiet (Poem)</i></li><li>➤ <i>A Thing of Beauty (Poem)</i></li><li>➤ <i>The Third Level</i></li><li>➤ <i>The Tiger King</i></li><li>➤ <i>Journey to the End of the Earth</i></li><li>➤ <i>The Enemy</i></li><li>➤ <i>On the Face of It</i></li><li>➤ Notice writing/ Invitation</li><li>➤ Letters to the Editor/ Job Application</li><li>➤ Article Writing / Report-Writing</li></ul>
4.	Pre- Board (December)	<i>The entire syllabus prescribed by the CBSE in Flamingo , Vistas , Reading /Comprehension Section &amp; Writing Section</i>

## **ARTIFICIAL INTELLIGENCE (843)**

<b>EXAMS</b>	<b>CHAPTER/TOPIC</b>
<b>(Half yearly) (October)</b>	<b>Part-B (Subject Specific Skills)</b> Unit-1 Python Programming-II Unit-2: Data Science Methodology: An Analytic Approach to Capstone Project Unit-3: Making Machines See Unit-5: Introduction to Big Data and Data Analytics Unit-6: Understanding Neural Networks
<b>Pre-board (December)</b>	<b>Part-A (Employability Skills)</b> Unit-1: Communication Skills-IV Unit-2: Self-Management Skills-IV Unit-3: ICT Skills-IV Unit-4: Entrepreneurial Skills-IV Unit-5: Green Skills-IV <b>Part-B (Subject Specific Skills)</b> Unit-1 Python Programming-II Unit-2: Data Science Methodology: An Analytic Approach to Capstone Project Unit-3: Making Machines See Unit-4: AI with Orange Data Mining Tool Unit-5: Introduction to Big Data and Data Analytics Unit-6: Understanding Neural Networks Unit-7: Generative AI Unit-8: Data Storytelling

## **COMPUTER SCIENCE (083)**

<b>EXAMS</b>	<b>CHAPTER/TOPIC</b>
<b>Periodic Test-1</b>	Ch-1 Review of Python Basics
<b>Periodic Test-2</b>	Ch-2 Functions Ch-3 Exception Handling
<b>Periodic Test-3 (Half yearly)</b>	Ch-1 Review of Python Basics Ch-2 Functions Ch-3 Exception Handling Ch-4 Data File Handling Ch-5 Data Structures in Python
<b>Pre-board (December)</b>	Ch-6 Computer Networks Ch-7 Relational Database and SQL Ch-8 Interface Python with SQL <b>(Including Syllabus for PT-1, PT-2 &amp; PT-3)</b>

## **INFORMATICS PRACTICES (065)**

<b>EXAM</b>	<b>CHAPTER/TOPICS</b>	<b>PRACTICAL/LAB ACTIVITY</b>
<b>PT 1 (MAY)</b>	<b>1. Review of Database Concepts and SQL</b>	<b>SQL queries commands and Functions (Minimum 15 SQL queries)</b>
<b>PT 2 (AUG)</b>	<b>1. Database Query using SQL  2. Data Handling using Pandas up till comparing the series</b>	<b>Programs using Pandas (15 programs based on Pandas)</b>
<b>PT 03 (HY) (OCTOBER)</b>	<b>1. Database Query using SQL 2. Data visualization using Matplotlib 3. Computer Networks</b>	<b>Program using Matplotlib (4 Program based on Matplotlib)</b>
<b>Pre Boards (DECEMBER)</b>	<b>Complete Syllabus</b>	<b>Project work (using concepts learned in class XI and XII)</b>

## **PHYSICAL EDUCATION (048)**

<b>Periodic Test-1 (May)</b>	Chapter-1 Management of Sporting Events
<b>Periodic Test-2 (August)</b>	Chapter-2 Children & Women in Sports Chapter-3 Yoga as Preventive measures for Lifestyle Disease
<b>Periodic Test-3 (HY) (October)</b>	Chapter-1 Management of Sporting Events Chapter-2 Children & Women in Sports Chapter-3 Yoga as Preventive measures for Lifestyle Disease Chapter-4 Physical Education & Sports for CWSN (Children with Special Need) – Divyang Chapter-5 Sports & Nutrition
<b>Pre-Board (December)</b>	Chapter-1 Management of Sporting Events Chapter-2 Children & Women in Sports Chapter-3 Yoga as Preventive measures for Lifestyle Disease Chapter-4 Physical Education & Sports for CWSN (Children with Special Need) – Divyang Chapter-5 Sports & Nutrition Chapter-6 Test & Measurement in Sports Chapter-7 Physiology & Injuries in Sports Chapter-8 Biomechanics & Sports Chapter-9 Psychology & Sports Chapter-10 Training in Sports

## **HINDI (302)**

सावधिक परीक्षा ( PT1) पाठ्यक्रम

पद्म- आत्म परिचय, एक गीत। गद्य -भक्तिन। अभिव्यक्ति और माध्यम पाठ -3

सावधिक परीक्षा 2(PT2)पाठ्यक्रम

पद्य - पतंग गद्य- बाजार- दर्शन वितान 2- सिल्वर-वैडिंग

अर्द्धवार्षिक परीक्षा (PT3) पाठ्यक्रम

पद्य-आत्मपरिचय, एक गीत , पतंग, कविता के बहाने, बात सीधी थी पर ,कैमरे में बंद अपाहिज।

गद्य -भक्तिन , बाजार दर्शन, काले मेघा पानी दे ।

वितान-2 – सिल्वर वैडिंग, जूझ।

अपठित गद्यांश, अपठित पद्यांश, रचनात्मक लेख , कहानी का नाट्य रूपांतरण , रेडियो नाटक,,  
अप्रत्याशित विषय पर लेखन, पत्रकारिता और जनसंचार माध्यम ,

अभिव्यक्ति और माध्यम – पाठ -3 ,4 ,5 ,11,12,13

पूर्व बोर्ड परीक्षा-संपूर्ण पाठ्यक्रम।

## **GENERAL STUDIES (503)**

EXAMWISE-SYLLABUS	
<b>PERIODIC TEST-3</b>	1. Science, Technology and Society 2. Contemporary Problems of Indian Society 3. Cultural Heritage of India
<b>PRE-BOARD</b>	1. National Struggle for India's Freedom 2. Constitutional Obligations: Basic Principles of Indian Constitution 3. Human Rights Plus Syllabus of PT -3

## **SUPW (500)**

Exam	ART	CRAFT
<b>HALF YEARLY EXAMINATION</b>	1 BOHO PAINTING 2. ABSTRACT ART 3. GOND PAINTING 4. MOSAIC ART 5. LORD GANESHA 6. CUBISM 7. REVISION WORK	1 QUILLING  2. COVER DESIGN  3 CARD
<b>ANNUAL EXAMINATION</b>	1. MODERN ART 2. Silhouette Painting 3. OPTICAL ILLUSION 4. CALLIGRAPHY 5. REVISION WORK	1. SOAP BASKET  2. PAPER FLOWER  3. WALL HANGING

## **POLITICAL SCIENCE (028)**

<b><u>S.N.</u></b>	<b>EXAM/PRE BOARD</b>	<b>MONTH'S</b>	<b>NAME OF CHAPTER'S</b>
<b>1.</b>	<b>Periodic Test -1</b>	<b>May</b>	<ul style="list-style-type: none"><li>● Challenges of Nation Building</li></ul>
<b>2.</b>	<b>Periodic Test-2</b>	<b>August</b>	<ul style="list-style-type: none"><li>● End of Bipolarity</li><li>● Era of One Party Dominance</li><li>● Contemporary Centers of Power</li></ul>
<b>3.</b>	<b>Periodic Test- 3 [Half Yearly]</b>	<b>October</b>	<ul style="list-style-type: none"><li>● Politics of Planned Development</li><li>● Contemporary South Asia</li><li>● India's External Relations</li><li>● International Organisations</li><li>● Challenges to and Restoration of Congress System</li></ul> <b>[In PT 3, PT 1 and PT 2 Included ]</b>
<b>4.</b>	<b>Pre Board</b>	<b>December</b>	<ul style="list-style-type: none"><li>● Security in the Contemporary World</li><li>● The Crisis of Democratic Order</li><li>● Environment and Natural Resources</li><li>● Regional Aspirations</li><li>● Globalization</li><li>● Recent Trends and Development</li></ul> <b>[In Pre Board PT 1,PT 2 and PT 3 Included]</b>