

# Jagat Taran Golden Jubilee School, Prayagraj

## Syllabus Break-up Exam-Wise CLASS XII

### 2026-27



### PHYSICS (042)

NAME OF THE EXAMINATION	CHAPTER
<b>PERIODIC TEST –1</b> <b>(May)</b>  CHAPTER-1	<ul style="list-style-type: none"> <li>● CHAPTER – 1 : ELECTRIC CHARGES AND FIELDS.</li> </ul>
<b>PERIODIC TEST – 2</b> <b>(AUGUST)</b>  CHAPTER-1 + CHAPTER-2 + CHAPTER-3	<ul style="list-style-type: none"> <li>● CHAPTER – 1 ELECTRIC CHARGES AND FIELDS.</li> <li>● CHAPTER – 2 ELECTROSTATIC POTENTIAL AND CAPACITANCE.</li> <li>● CHAPTER – 3 CURRENT ELECTRICITY.</li> </ul>
<b>PERIODIC TEST – 3</b> <b>(HALF – YEARLY)</b> <b>(OCTOBER)</b>  CHAPTER-1 + CHAPTER-2 + CHAPTER-3 + CHAPTER-4 + CHAPTER-5 + CHAPTER-6 + CHAPTER-7 + CHAPTER-8	<ul style="list-style-type: none"> <li>● CHAPTER – 1 : ELECTRIC CHARGES AND FIELDS.</li> <li>● CHAPTER – 1 ELECTRIC CHARGES AND FIELDS.</li> <li>● CHAPTER – 2 ELECTROSTATIC POTENTIAL AND CAPACITANCE.</li> <li>● CHAPTER – 3 CURRENT ELECTRICITY.</li> <li>● CHAPTER – 4 MOVING CHARGES AND MAGNETISM.</li> <li>● CHAPTER – 5 MAGNETISM AND MATTER</li> <li>● CHAPTER – 6  ELECTROMAGNETIC INDUCTION.</li> <li>● CHAPTER- 7 ALTERNATING CURRENT.</li> <li>● CHAPTER – 8 ELECTROMAGNETIC WAVES.</li> </ul>
<b>PRE-BOARD</b> <b>(DECEMBER)</b>	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)**

<b>PERIODIC TEST / EXAMS</b>	<b>CHAPTERS</b>
<b>PERIODIC TEST- 1 (MAY)</b>	<ul style="list-style-type: none"><li>• Relations and Functions</li></ul>
<b>PERIODIC TEST- 2 (AUGUST)</b>	<ul style="list-style-type: none"><li>• Inverse Trigonometric Functions</li><li>• Matrices</li><li>• Determinants</li></ul>
<b>PERIODIC TEST- 3 Half-yearly (OCTOBER)</b>	<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>
<b>PRE-BOARD (DECEMBER)</b>	FULL BOOK ACCORDING TO THE PRESCRIBED SYLLABUS OF 2026 – 20267 BY CBSE.

## **APPLIED MATHEMATICS (241)**

<b>PERIODIC TEST / EXAMS</b>	<b>CHAPTERS</b>
<b>PERIODIC TEST- 1 (MAY)</b>	<ul style="list-style-type: none"><li>• Numbers Quantification and Numerical Applications.</li></ul>
<b>PERIODIC TEST- 2 (AUGUST)</b>	<ul style="list-style-type: none"><li>• Numerical inequality</li><li>• Linear programming Problems</li><li>• Matrices</li></ul>
<b>PERIODIC TEST- 3 Half-yearly (OCTOBER)</b>	<ul style="list-style-type: none"><li>• Matrices and Determinants</li><li>• Differentiation</li><li>• Applications of Derivatives</li><li>• Integrals</li></ul> <p><b>NOTE: P.T- 1 and P.T.- 2 CHAPTERS ALSO INCLUDED</b></p>
<b>PRE-BOARD (December)</b>	FULL BOOK ACCORDING TO THE PRESCRIBED SYLLABUS OF 2026– 2027 BY CBSE.

**BIOLOGY (241)**

<b>Sr. No.</b>	<b>Exam</b>	<b>Chapter's Name</b>
1.	<i>Periodic Test 1 (May)</i>	<i>1. Microbes in Human welfare 2. Human Health and Diseases</i>
2.	<i>Periodic Test 2 (August)</i>	<i>2. Sexual Reproduction in flowering plant 3. Human Reproduction 4. Reproductive Health</i>
3.	<i>Periodic Test 3 (October)</i>	<ul style="list-style-type: none"><li>• <i>Sexual Reproduction in flowering Plants</i></li><li>• <i>Human Reproduction</i></li><li>• <i>Reproductive Health</i></li><li>• <i>Microbes in human welfare</i></li><li>• <i>Human Health and Disease</i></li><li>• <i>Organisms and Populations</i></li><li>• <i>Ecosystem</i></li><li>• <i>Biodiversity and its Conservation</i></li></ul>
4.	<i>Pre Board (December)</i>	<ol style="list-style-type: none"><li>1. <i>Sexual Reproduction in flowering Plants</i></li><li>2. <i>Human Reproduction</i></li><li>3. <i>Reproductive Health</i></li><li>4. <i>Microbes in human welfare</i></li><li>5. <i>Human Health and Disease</i></li><li>6. <i>Organisms and Populations</i></li><li>7. <i>Ecosystem</i></li><li>8. <i>Biodiversity and its Conservation</i></li><li>9. <i>Biotechnology – Principles and Processes</i></li><li>10. <i>Applications of Biotechnology</i></li><li>11. <i>Principles of Inheritance</i></li><li>12. <i>Molecular Basis of Inheritance</i></li><li>13. <i>Evolution</i></li></ol>

## ECONOMICS (030)

S.No.	Examination	Month	Syllabus
1	Periodic Test 1	May	<ul style="list-style-type: none"><li>• Circular Flow of Income</li><li>• Basic Concepts of Macroeconomics;</li><li>• National Income and Related Aggregates</li><li>• Indian Economy on the Eve of Independence</li></ul>
2	Periodic Test 2	August	<ul style="list-style-type: none"><li>• Methods of Calculating National Income</li><li>• Money</li><li>• Banking</li><li>• Indian Economy (1950–1990)</li><li>• Liberalisation, Privatisation and Globalisation: An Appraisal</li></ul>
3	Periodic Test 3 (Half Yearly)	October	<ul style="list-style-type: none"><li>• Aggregate Demand and Related Concepts</li><li>• Income Determination and Multiplier</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>• <b><u>NOTE: In PT-3; PT-1 &amp; PT-2 Syllabus is included</u></b></li></ul>
4	Pre-Board Examination	December	<ul style="list-style-type: none"><li>• Employment: Growth, Informalisation, and other issues</li><li>• Foreign Exchange Rate</li><li>• Balance of Payment</li><li>• Environment and Sustainable Development</li><li>• Comparative Development Experience of India's and it's neighbours</li></ul> <b><u>NOTE: In Pre-Board; PT-1, PT-2 &amp; PT-3 Syllabus is included</u></b>

## 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. Peasents, 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
<b>PERIODIC TEST II ( AUGUST )</b>	Book-I L-3 Human Development  Book-II L- 1 Population : Distribution, Density, Growth and Composition. 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>Periodic Test-3 (Half yearly) (October)</b>	Ch 4. Retirement and Death of a Partner Ch 5. Dissolution of a Partnership Firm – Meaning, Types, Other related accounts, capital accounts of partners and cash/bank a/c Preparation of Realization account. <b>Company Accounts -</b> Ch 1. Accounting for Share Capital Ch 3 & 4. Comparative Statements and Common Size Statements <b>(Including syllabus for PT 1 &amp; 2)</b>
<b>Pre-board (December)</b>	<b>Financial Statement Analysis-</b> Ch 1. Financial Statements of a Company- Balance Sheet and Statement of Profit and loss. Ch 2. Meaning, Significance, Objectives, Importance and limitations. Ch 3. Accounting Ratios Ch 4. Cash Flow Statements <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>➤ <i>Notice writing</i></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>➤ <i>Notice writing/ Invitation</i></li><li>➤ <i>Letters to the Editor/ Job Application</i></li><li>➤ <i>Article Writing / Report-Writing</i></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)

EXAMS	CHAPTER/TOPIC
<b>(Half yearly)</b> <b>(October)</b>	<b>Part-B (Subject Specific Skills)</b> 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</b> <b>(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-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 Unit-7: Generative AI Unit-8: Data Storytelling

## COMPUTER SCIENCE (083)

EXAMS	CHAPTER/TOPIC
<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</b> <b>(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</b> <b>(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. Data Handling using Pandas (series)</b>	<b>Programs using Pandas (programs based on Pandas(Series))</b>
<b>PT 2 (AUG)</b>	<ul style="list-style-type: none"><li>• <b>Data Handling using Pandas</b></li></ul>	<b>Programs using Pandas (programs based on Pandas(DataFrame))</b>
<b>PT 03 (HY) (OCTOBER)</b>	<ul style="list-style-type: none"><li>• <b>Review of Database Concepts and SQL</b></li><li>• <b>Database Query using SQL</b></li><li>• <b>Data visualization using Matplotlib</b></li><li>• <b>Computer Networks</b></li></ul>	<b>SQL queries commands and Functions (Minimum 15 SQL queries)</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)

PERIODIC TESTS/EXAMS	CHAPTERS
PERIODIC TEST I	पद्य- आत्म परिचय, एक गीत। गद्य -भक्तिन। अभिव्यक्ति और माध्यम पाठ -3
PERIODIC TEST II	पद्य - पतंग गद्य- बाजार- दर्शन वितान 2- सिल्वर-वैडिंग
PERIODIC TEST III	<p><b>पद्य</b>-आत्मपरिचय, एक गीत , पतंग, कविता के बहाने, बात सीधी थी पर ,कैमरे में बंद अपाहिज।</p> <p><b>गद्य</b> -भक्तिन , बाजार दर्शन, काले मेघा पानी दे ।</p> <p><b>वितान-2</b> - सिल्वर वैडिंग, जूझ।</p> <p>अपठित गद्यांश, अपठित पद्यांश, रचनात्मक लेख , कहानी का नाट्य रूपांतरण , रेडियो नाटक,, अप्रत्याशित विषय पर लेखन, पत्रकारिता और जनसंचार माध्यम ,</p> <p><b>अभिव्यक्ति और माध्यम</b> - पाठ -3 ,4 ,5 ,11,12,13</p>
PRE BOARD EXAM	संपूर्ण पाठ्यक्रम

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### EXAMWISE-SYLLABUS

PERIODIC TEST-3	3. Science, Technology and Society 4. Contemporary Problems of Indian Society 5. Cultural Heritage of India
PRE-BOARD	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
HALF YEARLY EXAMINATION	1 BOHO PAINTING 5. ABSTRACT ART 6. GOND PAINTING 7. MOSAIC ART 8. LORD GANESHA 9. CUBISM 10. 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	14. SOAP BASKET  15. PAPER FLOWER  16. WALL HANGING
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## POLITICAL SCIENCE (028)

<u>S.N.</u>	<u>EXAM/PRE BOARD</u>	<u>MONTH'S</u>	<u>NAME OF CHAPTERS</u>
1.	Periodic Test -1	May	<ul style="list-style-type: none"><li>● End of Bipolarity</li></ul>
2.	Periodic Test-2	August	<ul style="list-style-type: none"><li>● Challenges of Nation Building</li><li>● Era of One Party Dominance</li><li>● Contemporary Centers of Power</li></ul>
3.	Periodic Test- 3 [Half Yearly]	October	<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 Organizations</li><li>● Challenges to and Restoration of Congress System</li></ul> <b>[In PT 3, PT 1 and PT 2 Included ]</b>
4.	Pre Board	December	<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>

## **LIFE SKILL**

<b>TERM</b>	<b>CHAPTERS</b>
<b>TERM 1</b>	<ul style="list-style-type: none"><li>• To live or Not to live</li><li>• Stress management and exam anxiety</li><li>• Values, ethics and real- life dilemmas</li><li>• Handling failure</li><li>• Digital detox</li></ul>
<b>TERM 2</b>	<ul style="list-style-type: none"><li>• Fear of judgement</li><li>• Managing expectations</li><li>• Identity and self discovery</li><li>• Interview skills and personality development</li><li>• Assertiveness training</li></ul>