Jagat Taran Golden Jubilee School, Prayagraj
Syllabus Break-up Exam-Wise CLASS XII
2026-27

PHYSICS (042)

NAME OF THE EXAMINATION	CHAPTER
PERIODIC TEST –1 (May) CHAPTER-1	• CHAPTER – 1 : ELECTRIC CHARGES AND FIELDS.
PERIODIC TEST – 2 (AUGUST) CHAPTER-1 + CHAPTER-2 + CHAPTER-3	• CHAPTER – 1 ELECTRIC CHARGES AND FIELDS. • CHAPTER – 2 ELECTROSTATIC POTENTIAL AND CAPACITANCE. • CHAPTER – 3 CURRENT ELECTRICITY.
PERIODIC TEST – 3 (HALF – YEARLY) (OCTOBER) CHAPTER-1 + CHAPTER-2 + CHAPTER-3 + CHAPTER-4 + CHAPTER-5 + CHAPTER-6 + CHAPTER-7 + CHAPTER-8	• CHAPTER – 1 : ELECTRIC CHARGES AND FIELDS. • CHAPTER – 1 ELECTRIC CHARGES AND FIELDS. • CHAPTER – 2 ELECTROSTATIC POTENTIAL AND CAPACITANCE. • CHAPTER – 3 CURRENT ELECTRICITY. • CHAPTER – 4 MOVING CHARGES AND MAGNETISM. • CHAPTER – 5 MAGNETISM AND MATTER • CHAPTER – 6 ELECTROMAGNETIC INDUCTION. • CHAPTER- 7 ALTERNATING CURRENT. • CHAPTER – 8 ELECTROMAGNETIC WAVES.
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)	• Relations and Functions
PERIODIC TEST- 2 (AUGUST)	• Inverse Trigonometric Functions • Matrices • Determinants
PERIODIC TEST- 3 Half-yearly (OCTOBER)	• Relation and Functions. • Inverse Trigonometric Functions • Matrices and Determinants • Continuity and Differentiability • Applications of Derivatives • Integrals
PRE-BOARD (DECEMBER)	FULL BOOK ACCORDING TO THE PRESCRIBED SYLLABUS OF 2026 – 20267 BY CBSE.

APPLIED MATHEMATICS (241)

PERIODIC TEST / EXAMS	CHAPTERS
PERIODIC TEST- 1 (MAY)	• Numbers Quantification and Numerical Applications.
PERIODIC TEST- 2 (AUGUST)	• Numerical inequality • Linear programming Problems • Matrices
PERIODIC TEST- 3 Half-yearly (OCTOBER)	• Matrices and Determinants • Differentiation • Applications of Derivatives • Integrals NOTE: **P.T- 1 and P.T.- 2 CHAPTERS ALSO INCLUDED**
PRE-BOARD (December)	**FULL BOOK ACCORDING TO THE PRESCRIBED SYLLABUS OF 2026– 2027 BY CBSE.**

BIOLOGY (241)

Sr. No.	***Exam***	***Chapter's Name***
1.	*Periodic Test 1 (May)*	1. *Microbes in Human welfare* 2. *Human Health and Diseases*
2.	*Periodic Test 2 (August)*	2. *Sexual Reproduction in flowering plant* 3. *Human Reproduction* 4. *Reproductive Health*
3.	*Periodic Test 3 (October)*	• *Sexual Reproduction in flowering Plants* • *Human Reproduction* • *Reproductive Health* • *Microbes in human welfare* • *Human Health and Disease* • *Organisms and Populations* • *Ecosystem* • *Biodiversity and its Conservation*
4.	*Pre Board (December)*	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*

ECONOMICS (030)

S.No.	Examination	Month	Syllabus
1	Periodic Test 1	May	• Circular Flow of Income • Basic Concepts of Macroeconomics; • National Income and Related Aggregates • Indian Economy on the Eve of Independence
2	Periodic Test 2	August	• Methods of Calculating National Income • Money • Banking • Indian Economy (1950–1990) • Liberalisation, Privatisation and Globalisation: An Appraisal
3	Periodic Test 3 (Half Yearly)	October	• Aggregate Demand and Related Concepts • Income Determination and Multiplier • Excess Demand and Deficient Demand • Rural Development • Human Capital Formation • Government Budget and the Economy • **NOTE: In PT-3; PT-1 & PT-2 Syllabus is included**
4	Pre-Board Examination	December	• Employment: Growth, Informalisation, and other issues • Foreign Exchange Rate • Balance of Payment • Environment and Sustainable Development • Comparative Development Experience of India's and it's neighbours **NOTE: In Pre-Board; PT-1, PT-2 & PT-3 Syllabus is included**

HISTORY (027)

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

GEORAPHY (029)

PERIODIC TESTS/EXAMS	CHAPTERS
PERIODIC TEST I (MAY)	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
PERIODIC TEST II (AUGUST)	Book-I L-3 Human Development Book-II L- 1 Population : Distribution, Density, Growth and Composition. L- 2 Human Settlements
PERIODIC TEST -III (HALF - YEARLY EXAM) (OCTOBER)	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)

EXAMS	CHAPTER/TOPIC
Periodic Test-1 (May)	Ch 1. **Accounting for Partnership Firms** – Fundamentals (Excluding Past Adjustments)
Periodic Test-2 (August)	Ch 1. **Accounting for Partnership Firms** – 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.
Periodic Test-3 (Half yearly) (October)	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. **Company Accounts** - Ch 1. Accounting for Share Capital Ch 3 & 4. Comparative Statements and Common Size Statements **(Including syllabus for PT 1 & 2)**
Pre-board (December)	**Financial Statement Analysis**- 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 **Company Accounts -** Ch 2. Accounting for Debentures. **(Including syllabus for PT 3)**

BUSINESS STUDIES (054)

EXAMS	CHAPTER/TOPIC
Periodic Test-1	1. Nature and Significance of Management
Periodic Test - 2	1. Principles of Management 2. Business Environment 3. Planning
Periodic Test - 3 (Half Yearly)	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
Pre - Board Examination	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)	➢ *The Last Lesson* ➢ *My Mother at Sixty Six (Poem)* ➢ *The Third Level* ➢ *Notice writing*
2.	Periodic Test- 2 (August)	➢ *Lost Spring* ➢ *Deep Water* ➢ *Keeping Quiet (Poem)* ➢ *Journey to the End of the Earth* ➢ *Letter to the Editor*
3.	Half Yearly Exam (October)	➢ *The Last Lesson* ➢ *Lost Spring* ➢ *Deep Water* ➢ *The Rattrap* ➢ *Indigo* ➢ *Poets And Pancakes* ➢ *My Mother at Sixty Six (Poem)* ➢ *Keeping Quiet (Poem)* ➢ *A Thing of Beauty (Poem)* ➢ *The Third Level* ➢ *The Tiger King* ➢ *Journey to the End of the Earth* ➢ *The Enemy* ➢ *On the Face of It* ➢ *Notice writing/ Invitation* ➢ *Letters to the Editor/* Job Application ➢ Article Writing / Report-Writing
4.	Pre- Board (December)	*The entire syllabus prescribed by the CBSE in Flamingo , Vistas , Reading /Comprehension Section & Writing Section*

ARTIFICIAL INTELLIGENCE (843)

EXAMS	CHAPTER/TOPIC
(Half yearly) **(October)**	**Part-B (Subject Specific Skills)** 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
Pre-board **(December)**	**Part-A (Employability Skills)** 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 **Part-B (Subject Specific Skills)** 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
Periodic Test-1	Ch-1 Review of Python Basics
Periodic Test-2	Ch-2 Functions Ch-3 Exception Handling
Periodic Test-3 **(Half yearly)**	Ch-1 Review of Python Basics Ch-2 Functions Ch-3 Exception Handling Ch-4 Data File Handling Ch-5 Data Structures in Python
Pre-board **(December)**	Ch-6 Computer Networks Ch-7 Relational Database and SQL Ch-8 Interface Python with SQL **(Including Syllabus for PT-1,PT-2 & PT-3)**

INFORMATICS PRACTICES (065)

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

PHYSICAL EDUCATION (048)

Periodic Test-1 (May)	Chapter-1 Management of Sporting Events
Periodic Test-2 (August)	Chapter-2 Children & Women in Sports Chapter-3 Yoga as Preventive measures for Lifestyle Disease
Periodic Test-3 (HY) (October)	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
Pre-Board (December)	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	**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
PRE BOARD EXAM	संपूर्ण पाठ्यक्रम

GENERAL STUDIES (503)

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

ANNUAL EXAMINATION	1. MODERN ART 2. Silhouette Painting 3. OPTICAL ILLUSION 4. CALLIGRAPHY 5. REVISION WORK	14. SOAP BASKET 15. PAPER FLOWER 16. WALL HANGING

POLITICAL SCIENCE (028)

S.N.	EXAM/PRE BOARD	MONTH'S	NAME OF CHAPTERS
1.	Periodic Test -1	May	● End of Bipolarity
2.	Periodic Test-2	August	● Challenges of Nation Building ● Era of One Party Dominance ●Contemporary Centers of Power
3.	Periodic Test- 3 [Half Yearly]	October	● Politics of Planned Development ● Contemporary South Asia ● India's External Relations ● International Organizations ● Challenges to and Restoration of Congress System **[In PT 3, PT 1 and PT 2 Included]**
4.	Pre Board	December	●Security in the Contemporary World ●The Crisis of Democratic Order ● Environment and Natural Resources ● Regional Aspirations ● Globalization ● Recent Trends and Development **[In Pre Board PT 1,PT 2 and PT 3 Included]**

LIFE SKILL

TERM	CHAPTERS
TERM 1	• To live or Not to live • Stress management and exam anxiety • Values, ethics and real- life dilemmas • Handling failure • Digital detox
TERM 2	• Fear of judgement • Managing expectations • Identity and self discovery • Interview skills and personality development • Assertiveness training