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

PHYSICS (042)

NAME OF THE EXAMINATION	CHAPTER
PERIODIC TEST-1 **(AUGUST)**	**UNIT–1**: PHYSICAL WORLD AND MEASUREMENT. ● CHAPTER–1: UNITS AND MEASUREMENTS. **UNIT–2**:KINEMATICS ● CHAPTER–2: MOTION IN A STRAIGHT LINE. ● CHAPTER – 3 MOTION IN A PLANE
PERIODIC TEST–2 (HALF – YEARLY EXAM) **(OCTOBER)**	**UNIT–1**:PHYSICAL WORLD AND MEASUREMENT. ● CHAPTER–1: UNITSANDMEASUREMENTS. **UNIT–2**:KINEMATICS ● CHAPTER–2: MOTION IN A STRAIGHT LINE. ● CHAPTER – 3 MOTION IN A PLANE **UNIT–3**:LAWS OF MOTION ● CHAPTER – 4 LAWS OF MOTION **UNIT–4**: WORK, ENERGY&POWER. ● CHAPTER–5 WORK, NERGY&POWER. **UNIT–5:** MOTION OF SYSTEM OF PARTICLES AND RIGID BODY. ● CHAPTER-6 SYSTEM OF PARTICLES AND ROTATIONAL MOTION. **UNIT–6**:GRAVITATION ● CHAPTER 7 GRAVITATION

PERIODIC TEST–3 **(DECEMBER)**	**UNIT–7**:PROPERTIES OF BULK MATTER • CHAPTER–8 MECHANICAL PROPERTIES OF SOLIDS. • CHAPTER–9 MECHANICAL PROPERTIES OF LUIDS. • CHAPTER–10 THERMAL PROPERTIES OF MATTER
ANNUAL EXAMINATION **(MARCH)**	WHOLE SYLLABUS

CHEMISTRY (043)

S.No	Exam	Chapter Name	Month
1.	Periodic Test -1	• Some Basic Concepts of Chemistry: • Structure of Atom:	August
2.	Periodic Test -2	• Some Basic Concepts of Chemistry: • Structure of Atom: • Classification of Elements and Periodicity in Properties: • Chemical Bonding and Molecular Structure:	October
3.	Periodic Test -3	• Chemical Thermodynamics: • Equilibrium:	December
4.	Annual Exam	• Some Basic Concepts of Chemistry: • Structure of Atom: • Classification of Elements and Periodicity in Properties: • Chemical Bonding and Molecular Structure: • Chemical Thermodynamics: • Equilibrium: • Redox Reactions: • Organic Chemistry : • Hydrocarbons:	February - March

MATHEMATICS (041)

PERIODIC TEST / EXAMS	CHAPTERS	PROJECT WORK
PERIODIC TEST- 1 (AUGUST)	• Sets • Relations and functions.	1. To find the number of subsets of a given set and verify that if a set has **n** elements, then the total number of subsets is 2^n**.** 2. To Represent set theoretic operations using Venn Diagrams. 3. To identify a relations and Functions.
PERIODIC TEST- 2 HALF- YEARLY (OCTOBER)	• Sets • Relations and Functions • Trigonometric Functions • Complex Numbers and Quadratic Equations • Linear Inequalities. • Permutations and Combinations. • Binomial Theorem. • Sequence and Series.	4. To verify the relations between the degree measure and the radian measure of an angle. 5. To construct a pascal's triangle and to write binomial expansion for a given positive integral exponent. 6. To demonstrate that the arithmetic mean of two different positive integers is always greater than the geometric mean.
PERIODIC TEST- 3 (DECEMBER)	2. **Straight lines.** 3. **Conic Sections.** 4. **Introductions to Three Dimensional Geometry.**	7. To construct different types of conic sections. 8. To construct an ellipse with given major and minor axis.
ANNUAL EXAM	**FULL BOOK ACCORDING TO THE PRESCRIBED SYLLABUS OF 2026 – 2027 BY CBSE.**	9. To explain the concept of octants by three mutually perpendicular planes in space. 10. To write the sample space, when a coin is tossed once, two times, three times, four times.

APPLIED MATHEMATICS (241)

PERIODIC TEST / EXAMS	CHAPTERS	MATHS PRACTICALS
PERIODIC TEST- 1 (AUGUST)	**1.** Sets. **2.** Relations and Functions.	1. Plot the graph of a functions on excel study the nature of function at various points, drawing lines of tangents. 2. Create a budget of income and spending.
PERIODIC TEST- 2 HALF- YEARLY (OCTOBER)	**1.** Sequence and Series. **2.** Logical reasonings. **3.** Numbers Quantifications and Numerical Applications. NOTE: **P.T- 1 CHAPTERS ALSO INCLUDED**	3. Create and compare sheet of price and features to by a product. 4. Prepare the best option plan to by a product by comparing cost, shipping charges, tax and other hidden costs. 5. Smart purchasing during sale season.
PERIODIC TEST- 3 (DECEMBER)	➢ Permutations and combinations. ➢ Straight Lines. ➢ Circles. ➢ Parabola.	6. Prepare a report card using scores of the last four exam and compare the performance.
ANNUAL EXAM	**FULL BOOK ACCORDING TO THE PRESCRIBED SYLLABUS OF 2026 – 2027 BY CBSE.**	7. Collect the data on weather, price, inflation, and pollution. Sketch different types of graphs and analyze the results.

BIOLOGY (044)

Sr. No.	Exam	Chapter's Name
1.	Periodic Test 1 (August)	1. The living World 2. Biological Classification 3. Plant Kingdom
2.	Periodic Test 2 (October)	1. The living World 2. Biological Classification 3. Morphology of flowering plants 4. Anatomy of plants 5. Animal Tissue 6. Cell –Unit of life 7. Cell Cycle and division
3.	Periodic Test 3 (December)	1. Photosynthesis in higher plants 2. Respiration in plants and animals 3. Plant growth
4.	Annual Exam (March)	1. Photosynthesis in higher plants 2. Respiration in plants and animals 3. Plant growth 4. Exchange of gases 5. Transportation system 6. Excretion 7. Chemical Coordination and Integration 8. Biological Classification 9. Morphology of flowering plants 10. Anatomy of plants 11.Cell Cycle and division 12. Cell –Unit of life

ECONOMICS (030)

EXAMS	CHAPTERS/ TOPICS
PERIODIC TEST 1	• Introduction (Micro) • Economics: An Introduction (Stats) • Consumer Equilibrium (Cardinal approach, single commodity) • Meaning Scope & Importance of Statistics • Collection of Data
PERIODIC TEST 2 (HALF YEARLY)	• Consumer Equilibrium (Ordinal Approach, Two Commodity) • Demand • Elasticity of Demand • Production Function • Cost • Organisation of Data • Revenue • Tabular Presentation • Diagrammatic Presentation • Measures of Central Tendency-Arithmetic Mean • **(Including syllabus of PT 1)**
PERIODIC TEST 3	• Producer's Equilibrium • Graphical Presentation • Supply • Measures of Central Tendency-Median & Mode
ANNUAL EXAM	• Main Market Forms • Price Determination & Simple Applications • Measures of Correlation • Index Numbers • **(Including syllabus of PT 2 & 3)**

HISTORY (027)

Assessment Type	Chapters	Activity
Periodic test 1	**Themes in World History** Ch1. Writing In City Life. Ch2.Empires in the three continents.	Making of clay tablets.
Periodic Test 2 (Half Yearly)	**Themes in World History** Ch1. Writing In City Life. Ch2.Empires in the three continents. Ch3. Nomadic Empires. Ch4. The three Orders.	
Periodic Test 3	**Themes in World History** Ch5. Changing cultural traditions. Ch6. Displacing Indigenous People.	Map Assessment.
Annual Exam	**Themes in World History** **Ch1. Writing and City Life** Ch2.Empires in the three continents. Ch3. Nomadic Empires. Ch4. The three Orders. Ch5. Changing cultural traditions. Ch6. Displacing Indigenous People. Ch7. Paths to Modernisation.	

ACCOUNTANCY (055)

EXAMS	CHAPTER/TOPIC
Periodic Test-1 (August)	• Introduction to Accounting • Basic Accounting Terms • Theory Base of Accounting • Recording of Business Transactions: Journal, Cash Book, and Accounting Equation
Periodic Test-2 (Half yearly) (October)	• Subsidiary Books • Ledger • Trial Balance • Bank Reconciliation Statement • Goods and Service Tax (GST) • Depreciation ***Includes Syllabus of PT 1***
Periodic Test-3 (December)	• Provision and Reserves • Rectification of Errors • Capital and Revenue
Annual Examination (Feb-Mar 2027)	• Financial Statements of Sole Proprietorship • Financial Statements With Adjustment • Accounts from Incomplete Records (Single Entry System) ***Includes Syllabus of PT 1, Half Yearly/PT 2, and PT 3***

BUSINESS STUDIES (054)

EXAMS	CHAPTER/TOPIC
Periodic Test-1 (August)	• Nature and Purpose of Business • Forms of Business Organisations
Periodic Test-2 (Half yearly) (October)	• Public, Private and Global Enterprises • Business Services • Emerging Modes of Business • Social Responsibility of Business and Business Ethics • ***Includes Syllabus of PT 1***
Periodic Test-3 (December)	• Sources of Business Finance • Small Business
Annual Examination (Feb-Mar 2027)	• Internal Trade • International Business ***Includes Syllabus of PT 1, Half Yearly/PT 2, and PT 3***

ENGLISH (055)

Sr. No.	Exam	Chapter's Name/ Topics
1.	**Periodic Test - 1** **(August)**	5. ***The Portrait of a Lady*** 11. ***A Photograph (Poem)*** 12. ***We Are not Afraid to Die.....*** 13. ***The Summer of the Beautiful White Horse*** 14. ***Poster Making*** 15. ***Integrated Grammar***
2.	**Half Yearly Exam** **(October)**	6. ***The Portrait of a Lady,*** 16. ***A Photograph (Poem)*** 17. ***We Are not Afraid to Die.....*** 18. ***Discovering Tut.....*** 19. ***The Laburnum Top*** 20. ***The Summer of the Beautiful White Horse*** 1. ***The Address*** **4.** ***Mother's Day*** **1.** ***Poster Making*** **2.** ***Advertisements*** **3.** ***Letter to the Editor / Job Application*** **5.** ***Article Writing*** **6.** **Tenses /Modals** • ***Integrated Grammar*** • ***Re arranging Jumbled words and phrases***
3.	**Periodic Test- 3** **(December)**	• ***The Adventure*** 1. ***Silk Road*** **3.** ***Childhood (Poem)*** **7.** ***Mother's Day*** **4.** ***Poster Making*** **5.** ***Advertisements*** **4.** ***Narration***
4.	**Annual Exam**	***The entire syllabus prescribed by the CBSE in Hornbill, Snapshots, Reading /Comprehension Section & Writing Section .***

ARTIFICIAL INTELLIGENCE (843)

EXAMS	PART/UNIT
(Half Yearly) **(October)**	**Part-A (Employability Skills)** Unit-1: Communication Skills-III Unit-2: Self-Management Skills-III Unit-3: ICT Skills-III **Part-B (Subject Specific Skills)** Unit-1 Introduction to Artificial Intelligence Unit-2: Unlocking Your Future in AI Unit-4: Introduction to Capstone Project **Practical Exam: Part-B Unit-3** Python Programming
Annual **(February)**	**Part-A (Employability Skills)** Unit-4: Entrepreneurial Skills-III Unit-5: Green Skills-III **Part-B (Subject Specific Skills)** Unit-6: Machine Learning Algorithms Unit-7: Leveraging Linguistics and Computer Science Unit-8: AI Ethics and Values **Practical Exam: Part-B Unit-5** Data Literacy-Data Collection to Data Analysis

COMPUTER SCIENCE (083)

EXAMS	CHAPTER/TOPIC
Periodic Test-1	Ch-1 Computer System Organization Ch-2 Data Representation and Boolean Logic Ch-3 Getting Started with Python
Periodic Test-2 **(Half yearly)**	Ch-4 Python Programming Fundamentals Ch-5 Conditional and Looping Constructs Ch-6 Strings in Python Ch-7 Lists in Python **(Including Syllabus for PT-1)**
Periodic Test-3	Ch-8 Tuples and Dictionaries Ch-9 Introduction to Python Modules
Annual Exam	Ch-10 Society Law and Ethics Ch-11 Cyber Safety **(Including Syllabus for PT-1, PT-2 & PT-3)**

INFORMATICS PRACTICES (065)

Exam	Chapter	Practical
Periodic Test 1	Ch- 1 Computer System	
Periodic Test 2	Ch -2 Getting stated with python Ch -3 Python Programming Fundamentals Ch- 4 Conditional and looping construct Ch-5 Lists in Python	1. Python Programming of ch -4 and ch-5 in Practical file
Periodic Test 3	Ch -6 Dictionary Ch-7 Database concepts	
Annual	Ch -3 Python Programming Fundamentals Ch- 4 Conditional Looping Construct Ch- 5 Lists in Python Ch-6 Dictionary Ch- 7 Database Concept Ch-8 Structured Query Language Ch- 9 Emerging Trends	1. Python Programming of chapter 4,5, and 6. 2. Practical of structured query language.

PHYSICAL EDUCATION (048)

Periodic Test-1 (August)	Chapter-1 Changing Trend & Career in Physical Education
Periodic Test-2 (HY) (October)	Chapter-1 Changing Trend & Career in Physical Education Chapter-2 Olympism Chapter-3 Yoga Chapter-4 Physical Education & Sports for CWSN (Children with Special Needs - Divyang) Chapter-5 Physical Fitness, Health and Wellness
Periodic Test-3 (December)	Chapter-6 Test, Measurement & Evaluation Chapter-7 Fundamentals of Anatomy, Physiology in Sports
Annual Exam (February & March)	Chapter-1 Changing Trend & Career in Physical Education Chapter-2 Olympism Chapter-3 Yoga Chapter-4 Physical Education & Sports for CWSN (Children with Special Needs - Divyang) Chapter-5 Physical Fitness, Health and Wellness Chapter-6 Test, Measurement & Evaluation Chapter-7 Fundamentals of Anatomy, Physiology in Sports Chapter-8 Fundamentals of Kinesiology and Biomechanics in Sports Chapter-9 Psychology & Sports Chapter-10 Training and Doping in Sports

HINDI (302)

GENERAL STUDIES (503)

PERIODIC TESTS/EXAMS	CHAPTERS
PERIODIC TEST I	हम तौ एक एक करि जानां,, मेरे तो गिरधर गोपाल, नमक का दारोगा, **अभिव्यक्ति और माध्यम:** पाठ -1
PERIODIC TEST II	**गद्य खंड** - नमक का दारोगा,मियाँ नसीरुद्दीन,अप्पू के साथ ढाई साल। **पद्य खंड** -कबीर-हम तो एक एक करि जानां,मीराबाई-मेरे तो गिरिधर गोपाल दूसरो न कोई,घर की याद,चंपा काले-काले अच्छर नहीं चीन्हती । **अभिव्यक्ति और माध्यम** -1 ,2, 9,,10,,14 ,15, तथा 16 । **वितान 1** - भारतीय गायिकाओं में बेजोड़: लता मंगेशकर, राजस्थान की रजत बूँदें।
PERIODIC TEST III	ग़ज़ल ,विदाई- संभाषण ,राजस्थान की रजत बूँदें।
ANNUAL EXAM	संपूर्ण पाठ्यक्रम

PERIODIC TESTS/EXAMS	CHAPTERS
PERIODIC TEST II	1. Science, Technology and Society 2. Social Structure
ANNUAL EXAM	1. Protection of Environment 2. The State and the Nation 3.International Peace and Understanding **Note : In Annual Exam ; PT-2 Syllabus is included**

SUPW (500)

Halfyearly

Art

- Calligraphy
- Cubism
- Name design
- Gond painting
- Leaf impression
- Madhubani painting
- Monochrome

Craft

- Jewelry making
- Best out of waste
- Kulo art
- Diwali card

Final Term

Art

2. Silhoutte Art
3. Landscape
4. Modern art
5. Amazing art
6. Monument drawing

Craft

- Board decoration
- Durga face
- Decorative bottle with clay

POLITICAL SCIENCE (028)

S.No.	Name of the Exam	Name of the Chapters
1.	Periodic Test 1	• Constitution why and how • Political Theory an introduction • Rights in Indian Constitution
2.	Periodic Test 2 (Half Yearly)	• Freedom • Election and Representation • Equality • Social Justice • Rights • Legislature • Executive **[In PT 2 ,PT 1 syllabus included]**
3.	Periodic Test 3	• Judiciary • Citizenship • Federalism
4.	Annual Examination	• Local Government • Nationalism • Secularism • Constitution as a Living Document • The Philosophy of the Constitution **[In Annual Examination PT 1, PT 2 Syllabus included]**

GEOGRAPHY

PERIODIC TESTS/EXAMS	CHAPTERS
PERIODIC TEST I (AUGUST)	Book-I Fundamentals of Physical Geography Book-II India : Physical Environment Book-I L-1 Geography as a Discipline L-2 The Origin and Evolution of the Earth Book-II L-1 India- Location L-2 Structure and Physiography (Half)
PERIODIC TEST II (HALF -YEARLY) (OCTOBER)	Book-I L-3 Interior of the Earth L-4 Distribution of Oceans and Continents L-6 Geomorphic Processes L-8 Composition and Structure of Atmosphere L-9 Solar Radiation, Heat Balance and Temperature Book-II L-2 Structure and Physiography (Half) L-3 Drainage System L-5 Natural Vegetation Geography Practical Part-I (Half Yearly Exam) L-1 Introduction to Maps L-2 Map Scale L-3 Latitude, Longitude and Time L-5 Topographical Maps
PERIODIC TEST III (DECEMBER)	Book-I L-10 Atmospheric Circulation and Weather Systems L-11 Water in the Atmosphere Book-II L-4 Climate
ANNUAL EXAM (FEBRUARY/MARCH)	Book-I L-11 Water in the Atmosphere L-13 Water (Oceans) L-14 Movements of Ocean Water Lesson from Term-I L-3 Interior of the Earth L-8 Composition and Structure of Atmosphere L-10 Solar Radiation, Heat Balance and Temperature Book-II Lessons from Term-I L-2 Structure and Physiography L-5 Natural Vegetation L-3 Drainage System

	L-1 India-Location **Annual Practical Exam** L-1 Introduction to Maps L-2 Map Scale L-3 Latitude, Longitude and Time L-4 Map Projection L-5 Topographical Maps L-6 Introduction to Remote Sensing

LIFE SKILL

TERM	CHAPTERS
TERM 1	• Self Discipline • Communication skills • Goal setting and motivation • Study skills and concentration • Time management and productivity
TERM 2	• Financial Literacy • Mental and emotional well being • Parental Expectations • Fear of missing out (Fomo) • Manipulation