



JAGAT TARAN GOLDEN JUBILEE SCHOOL, PRAYAGRAJ

CLASS – 12TH

EXAM WISE SYLLABUS BREAK-UP 2024-25

ENGLISH

Exam	Chapter's Name/ Topics
Periodic Test-1 (May)	<ul style="list-style-type: none">➤ <i>The Last Lesson</i>➤ <i>My Mother at Sixty Six (Poem)</i>➤ <i>Lost Spring</i>➤ <i>The Third Level</i>➤ <i>Notice writing</i>
Periodic Test-2 (Aug)	<ul style="list-style-type: none">➤ <i>Deep Water (Flamingo)</i>➤ <i>Keeping Quiet (Poem)</i>➤ <i>Journey to the End of the Earth</i>➤ <i>Letter to the Editor</i>
Periodic Test-3 (Half yearly) (October)	<ul style="list-style-type: none">➤ <i>The Last Lesson</i>➤ <i>Lost Spring</i>➤ <i>Deep Water</i>➤ <i>The Rattrap</i>➤ <i>Indigo</i>➤ <i>Poets And Pancakes</i>➤ <i>My Mother at Sixty Six(Poem)</i>➤ <i>Keeping Quiet(Poem)</i>➤ <i>A Thing of Beauty(Poem)</i>➤ <i>The Third Level</i>➤ <i>The Tiger King</i>➤ <i>Journey to the End of the Earth</i>➤ <i>The Enemy</i>➤ <i>On the Face of It</i>➤ <i>Notice writing/ Invitation</i>➤ <i>Letters to the Editor/ Job Application</i>➤ <i>Article Writing / Report-Writing</i>
Pre-board (December)	<ul style="list-style-type: none">• <i>The entire syllabus prescribed by the CBSE in Flamingo , Vistas , Reading /Comprehension Section & Writing Section</i>

BIOLOGY

Exam	Chapter's Name/ Topics
Periodic Test-1 (May)	1. Sexual Reproduction in flowering Plant
Periodic Test-2 (Aug)	1. Sexual Reproduction in flowering plan 2. Human Reproduction 3. Reproductive Health
Periodic Test-3 (Half yearly) (October)	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

**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**

CHEMISTRY

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

MATHS

Exams	Chapter/Topic
Periodic Test-1(May)	Relation and Function Inverse trigonometric function
Periodic Test-2 (Aug)	Matrices and Determinants Continuity and Differentiability
Periodic Test-3 (Half yearly) (October)	Relation and function Inverse trigonometric function Matrices and determinants Continuity and differentiability Application of derivatives Integrals
Pre-board (December)	Complete Syllabus (NCERT part I & II)

APPLIED MATHEMATICS

Exams	Chapter/Topic
Periodic Test-1 (May)	Numbers, quantification and numerical Application Numerical inequalities
Periodic Test-2 (August)	Matrices and determinants differentiations
Periodic Test-3 (Half yearly) (October)	Numbers, quantification and numerical Application Matrices and Determinants Higher Order Derivatives Application of derivatives Numerical inequalities Integrals Stocks, shares and debentures
Pre-board (December)	Complete Syllabus

PHYSICS

EXAMINATION	CHAPTER
<p style="text-align: center;">PT 1 (MAY)</p>	<p>UNIT – 1: ELECTROSTATICS</p> <ul style="list-style-type: none"> • CHAPTER – 1 : ELECTRIC CHARGES AND FIELDS. • CHAPTER – 2 ELECTROSTATIC POTENTIAL AND CAPACITANCE.
<p style="text-align: center;">PT 2 (AUGUST)</p>	<p>UNIT – 2 : CURRENT ELECTRICITY</p> <ul style="list-style-type: none"> • CHAPTER – 3 -CURRENT ELECTRICITY. • CHAPTER – 4 - MAGNETIC EFFECTS OF CURRENT
<p style="text-align: center;">PERIODIC TEST – 3 (HALF – YEARLY) (OCTOBER)</p>	<p>UNIT – 3</p> <ul style="list-style-type: none"> • CHAPTER – 5 MAGNETISM AND MATTER. <p>UNIT – 4 : ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENTS</p> <ul style="list-style-type: none"> • CHAPTER – 6 ELECTROMAGNETIC INDUCTION. <p>UNIT – 4</p> <ul style="list-style-type: none"> • CHAPTER- 7 ALTERNATING CURRENT. <p>UNIT – 5 : ELECTROMAGNETIC WAVES</p> <ul style="list-style-type: none"> • CHAPTER – 8 ELECTROMAGNETIC WAVES .
<p style="text-align: center;">PRE-BOARD (DECEMBER)</p>	<p>UNIT – 6 : OPTICS</p> <ul style="list-style-type: none"> • CHAPTER – 9 RAY OPTICS AND OPTICAL INSTRUMENTS. (till refraction through prism). • CHAPTER – 10 WAVE OPTICS. <p>UNIT – 7 : DUAL NATURE OF RADIATION AND MATTER</p> <ul style="list-style-type: none"> • CHAPTER – 11 DUAL NATURE OF RADIATION AND MATTER. <p>UNIT_8</p> <p>CHAPTER 12 ATOMS CHAPTER 13 NUCLIE</p> <p>UNIT – 9 : ELECTRONIC DEVICES</p> <ul style="list-style-type: none"> • CHAPTER – 14 SEMICONDUCTOR ELECTRONICS. <p style="text-align: center;">Including syllabus of PT 1,2 & 3</p>

ACCOUNTANCY

Exams	Chapter/Topic
Periodic Test-1 (May)	Ch 1. Accounting for Partnership Firms - Fundamentals,
Periodic Test-2 (August)	Ch 2. Goodwill: Meaning, Nature, Factor affecting and need for valuation. Adjustment through partners' capital/current account, Change in Profit Sharing Ratio Among Existing Partners. Ch 3. Admission of a Partner. (Including syllabus for PT 1)
Periodic Test-3 (Half yearly) (October)	Ch 4. Retirement and Death of a Partner Company Accounts - Ch 1. Accounting for Share Capital, Ch 3 & 4. Comparative Statements and Common Size Statements Financial Statement Analysis - Ch 1. Financial Statements of a Company- Balance Sheet (Including syllabus for PT 1 & 2)
Pre-board (December)	Ch 2. Financial Statement Analysis: Meaning, Significance, Objectives, Importance and limitations. Ch 3. Accounting Ratios Ch 4. Cash Flow Statements Partnership Accounts - Ch 5. Dissolution of Partnership firm. Company Accounts - Ch 2. Accounting for Debentures. (Including syllabus for PT 3)

ECONOMICS

Exams	Chapter/Topic
Periodic Test-1 (May)	<ul style="list-style-type: none">• Circular flow of income• Basic Concepts of Macroeconomics• Indian Economy on the Eve of Independence
Periodic Test-2 (Aug)	<ul style="list-style-type: none">• National Income and Related aggregates.• Methods of Calculating National Income• Money.• Banking: Commercial Banks and the Central Bank• Indian Economy.(1950-1990) <p><u>Note : PT-1, PT2 syllabus is included</u></p>
Periodic Test-3 (Half yearly) (October)	<ul style="list-style-type: none">• Liberalisation, Privatisation and Globalisation: An Appraisal• Human Capital Formation• Aggregate Demand, and Related Concepts• Income Determination and Multiplier• Excess Demand. And Deficient Demand <p><u>Note : In PT-3; PT-1 & PT2 syllabus is included</u></p>
Pre-board (December)	<ul style="list-style-type: none">• Government Budget and The Economy• Foreign Exchange Rate• Balance of Payment.• Rural Development• Employment : Growth, Informalisation and other issues• Environment and SustainableDevelopment.• Comparative Development Experience of India and its Neighbours. <p><u>Note : In Pre-Board ;PT1 ,PT2 & PT 3 syllabus is included</u></p>

COMPUTER SCIENCE

Exam	Chapter
Periodic Test-1 (May)	1.Computer Networking
Periodic Test-2 (August)	1.Computer Networking 2.Relational Database 3.Revision of Python Basics 4.Functions 5.Exceptional Handling
Periodic Test-3 (Half yearly) (October)	1.Computer Networking 2.Relational Database 3.Revision of Python Basics 4.Functions 5.Exceptional Handling 6.Data File Handling
Pre-board (December)	1.Computer Networking 2.Relational Database 3.Revision of Python Basics 4.Functions 5.Exceptional Handling 6.Data File Handling 7.Interface Python with SQL 8.Data Structure in Python

BUSINESS STUDIES

Exams	Chapter/Topic
Periodic Test-1 (May)	1. Nature and Significance of Management
Periodic Test-2 (August)	1. Principles of Management 2. Business Environment 3. Planning
Periodic Test-3 (Half yearly) (October)	1. Organising 2. Staffing 3. Directing 4. Controlling 5. Financial Management Plus one chapter of PT- 1 and three chapters of PT - 2
Pre-board (December)	1. Financial Market 2. Marketing Management 3. Consumer Protection Plus Syllabus of PT - 1 ,PT - 2 and PT - 3

PERIODIC TESTS/EXAMS	CHAPTERS	PROJECT WORK
PERIODIC TEST I	आत्म-परिचय, एक गीत, भक्तिन, अपठित गद्यांश	
PERIODIC TEST II	पतंग, बाजार-दर्शन, सिल्वर वेडिंग	
PERIODIC TEST III	आत्म-परिचय, एक गीत, पतंग, कविता के बहाने, बात सीधी थी पर, कैमरे में बंद अपाहिज भक्तिन, बाजार-दर्शन, काले मेघा पानी दे अपठित गद्यांश, पद्यांश, अप्रत्याशित लेखन, अभि. मा.पाठ-3,4,5,11,12,13	श्रवण एवं वाचन परियोजना-कार्य- हिन्दी साहित्य का स्वर्ण युग
PRE BOARD EXAM	संपूर्ण पाठ्यक्रम	श्रवण एवं वाचन परियोजना-कार्य-हिन्दी साहित्य में प्रयागराज का योगदान

GEOGRAPHY

EXAM	CHAPTERS	PRACTICALS
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 (Till - Growth of Population page no.7)	
PERIODIC TEST II (AUGUST)	Book-I L-4 Human Development Book-II L- 1 Population : Distribution, Density, Growth and Composition (Entire Chapter) L- 4 Human Settlements	
PERIODIC TEST - III (HALF - YEARLY EXAM) (OCTOBER)	Book-I L-2 The World Population Distribution, Density and Growth L-5 Primary Activities L-6 Secondary Activities L-7 Tertiary and Quarternary Activities Book -II L-4 Human Settlements L-5 Land Resources and Agriculture L-6 Water Resources L-7 Mineral and Energy Resources L-9 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-4 Human Development**
- L-5 Primary Activities**
- L-6 Secondary Activities**
- L-7 Tertiary and Quaternary Activities**
- L-8 Transport and Communication**
- L-9 International Trade**

Book –II

- L-1 Population : Distribution, Density, Growth and Composition**
- L-4 Human Settlements**
- L-5 Land Resources and Agriculture**
- L-6 Water Resources**
- L-7 Mineral and Energy Resources**
- L-9 Planning and Sustainable Development in the Indian Context**
- L-10 Transport and Communication**
- L-11 International Trade**
- L- 12 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**

POLITICAL SCIENCE

EXAM	SYLLABUS
PERIODIC TEST – 1 (MAY)	Book – I Contemporary World Politics L-2 End of Bipolarity Book II Politics in India Since Independence L-1 Challenges of National Building
PERIODIC TEST – 2 (AUGUST)	Book – I Contemporary World Politics L-4 Alternatives Centres of Power Book II India Since Independence L-2 Era of One Party Dominance
PERIODIC TEST 3 (HALF YEARLY) (OCTOBER)	Book – I Contemporary World Politics L-5 Contemporary South Asia L-6 International Organisations L-7 Security in Contemporary World Book II Politics in India Since Independence L-3 Politics of Planned Development L-4 India’s External Relations L-5 Challenges to and Restoration of the Congress System L-6 The Crisis of Democratic Order
PRE - BOARD (DECEMBER)	Book – I Contemporary World Politics L-2 End of Bipolarity L-4 Alternatives Centres of Power L-5 Contemporary South Asia L-6 International Organisations L-7 Security in Contemporary World L-8 Environment and Natural Resources L-9 Globalisation Book II Politics in India Since Independence L-1 Challenges of National Building L-2 Era of One Party Dominance L-3 Planned Development L-4 India’s External Relations L-5 Challenges to and Restorations of the Congress System L-6 Crisis of Democratic Order L- 8 Regional Aspirations L- 9 Recent Developments in Indian Politics

INFORMATICS PRACTICES

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

HISTORY

Exams	Chapter/Topic
Periodic Test-1 (May)	Themes of Indian History I Bones Bricks and Beads Indus Valley Civilization Themes of Indian History II Through the eyes of Travellers Themes of Indian History III Forest Society and Colonialism
Periodic Test-2 (August)	Theme 2 Kings Farmers and Towns Theme 6 Bhakti Sufi Traditions Theme 11 Rebels and The Raj
Periodic Test-3 (Half yearly) (October)	Theme 1,2,3 ,5,6,7,10,11&13
Pre-board (December)	Entire Syllabus

PHYSICAL EDUCATION**EXAM WISE-SYLLABUS**

Periodic TEST-1	Chapter-1
Periodic Test -2	Chapter 2 & 3
Periodic Test -3 (HY)	CHAPTER NO. 1 TO CHAPTER NO. 5
PRE-BOARD	ALL CHAPTERS (CHAPTER NO. 1 TO CHAPTER NO. 10)

SUPW

Exams	Chapter/Topic
PT 03 HALY YEARLY OCTOBER	<u>ART</u> 1. LORD GANESHA 2. ARCHITECTURAL DRAWING 3. ZENTANGLE ART 4.LOGO DESIGN 5. MANDALA 6. MICKEY MOUSE <u>CRAFT(any 3)</u> 1.PAPER BASKET 2. NEWSPAPER GIRL 3. BOX DECORATION 4. BOOK COVER DESIGN
PRE BOARDS DECEMBER	<u>ART</u> 1. PICHWAI ART 2. KALAMKARI DRAWING 3.FACIAL FEATURES 4.STILL LIFE 5.DOODLE ART <u>CRAFT (any 2)</u> 1. SHOE PAINTING 2. QUILLING JEWELLERY 3.PAPER FLOWER 4.PLATE PAINTING

GENERAL STUDIES

Exams	Chapter/Topic
PT 03 OCTOBER	1. Science, Technology and Society 2. Contemporary Problems of Indian Society 3. Cultural Heritage of India
Pre Boards DECEMBER	1. National Struggle for India's Freedom 2. Constitutional Obligations: Basic Principles of Indian Constitution 3. Human Rights <u>Plus Syllabus of PT -3</u>