

BAL BHARATI PUBLIC SCHOOL

ROHINI, DELHI

Syllabus class XI

Session 2024-25

PHYSICAL EDUCATION *

CLASS XI

2024-25

Name of the Examination	Month	Topics
Periodical Test-I	July 2024	Unit 1. Changing Trends & Career in Physical Education Unit 2. Olympic Value Education Unit 3. Yoga
Half Yearly Exam	August 2024	Unit 1. Changing Trends & Career in Physical Education Unit 2. Olympic Value Education Unit 3. Yoga Unit 4. Physical Education & Sports for CWSN (Children with Special Needs - Divyang) Unit 5. Physical Fitness, and Wellness
Periodical Test II	November/December 2024	Unit 6. Test, Measurement & Evaluation Unit 7. Fundamentals of Anatomy, Physiology in Sports
Annual Examination	February/March 2024	Unit 1. Changing Trends & Career in Physical Education Unit 2. Olympic Value Education Unit 3. Yoga Unit 4. Physical Education & Sports for CWSN (Children with Special Needs - Divyang) Unit 5. Physical Fitness, and Wellness Unit 6. Test, Measurement & Evaluation Unit 7. Fundamentals of Anatomy, Physiology in Sports Unit 8. Fundamentals of Kinesiology and Biomechanics in Sports Unit 9. Psychology & Sports Unit 10. Training and Doping in Sports

Note: As per the CBSE curriculum 2024-25 for Physical Education (code 48).

*subject to changes

CHEMISTRY
CLASS XI
2024-25

NAME OF EXAMINATION	MONTH	TOPIC
PERIODIC TEST-1	JULY 2024	Chapter 1-Some basic concepts of chemistry Chapter 2- Structure of Atom
HALF YEARLY EXAM	AUGUST 2024	Chapter 1- Some basic concepts of Chemistry Chapter 2- Structure of Atom Chapter 3- Periodic classification of elements and periodicity in properties Chapter 4- Chemical bonding and molecular structure
PERIODIC TEST -2	NOVEMBER- DECEMBER 2024	Chapter 6- Chemical Thermodynamic Chapter7- Equilibrium Chapter 8- Redox reactions
ANNUAL EXAMINATION	FEBRUARY- MARCH 2025	Chapter 1- Some basic concepts of chemistry Chapter 2- Structure of Atom Chapter 3- Periodic classification of elements and periodicity in properties Chapter 4- Chemical bonding and molecular structure Chapter6- Chemical Thermodynamic Chapter7- Equilibrium Chapter 8- Redox reactions Chapter 12-Organic chemistry-some basic principles and techniques Chapter 13- Hydrocarbons

**PHYSICS
CLASS XI
2024-25**

NAME OF EXAMINATION	MONTH	TOPIC
PERIODIC TEST-1	JULY 2024	Unit-I Physical World and Measurement Chapter–Units and Measurements Unit-II Kinematics Chapter– Motion in a Straight Line Chapter– Motion in a Plane
HALF YEARLY EXAM	AUGUST 2024	Unit-I Physical World and Measurement Chapter– Units and Measurements Unit-II Kinematics Chapter– Motion in a Straight Line Chapter– Motion in a Plane Unit-III Laws of Motion Chapter– Laws of Motion Unit-IV Work, Energy and Power Chapter– Work, Energy and Power
PERIODIC TEST -2	NOVEMBER- DECEMBER 2024	Unit-V Motion of System of Particles and Rigid Body Chapter– System of Particles and Rotational Motion Unit-VI Gravitation Chapter– Gravitation Unit-VII Properties of Bulk Matter Chapter– Mechanical Properties of Solids
ANNUAL EXAMINATION	FEBRUARY- MARCH 2025	Unit-I Physical World and Measurement Chapter– Units and Measurements Unit-II Kinematics Chapter– Motion in a Straight Line Chapter– Motion in a Plane Unit-III Laws of Motion Chapter– Laws of Motion Unit-IV Work, Energy and Power Chapter– Work, Energy and Power Unit-V Motion of System of Particles and Rigid Body Chapter– System of Particles and

		<p>Rotational Motion</p> <p>Unit-VI Gravitation</p> <p>Chapter– Gravitation</p> <p>Unit-VII Properties of Bulk Matter</p> <p>Chapter– Mechanical Properties of Solids</p> <p>Chapter– Mechanical Properties of Fluids</p> <p>Chapter– Thermal Properties of Matter</p> <p>Unit-VIII Thermodynamics</p> <p>Chapter- Thermodynamics</p> <p>Unit-IX Behaviour of Perfect Gases and Kinetic Theory of Gases</p> <p>Chapter– Kinetic Theory</p> <p>Unit-X Oscillations and Waves</p> <p>Chapter– Oscillations</p> <p>Chapter– Waves</p>
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Painting*

Class XI

2024-25

Name Of Examination	Month	Topic
Periodical Test -1	July 2024	Chapter -1 Pre- Historic Rock Painting Chapter- 2 Art of Indus Valley Civilization
Half Yearly Exam	August 2024	Chapter-3 General Introduction of Art during Mauryan , Shunga , Kushana and Gupta Period Chapter-4 Art of Ajanta
Periodic Test-2	November- December 2024	Chapter-5 Indian Temple Sculpture Chapter-6 Indian Bronzes
Annual Examination	February- March 2025	Unit I,II and III

*subject to changes

PSYCHOLOGY*

**CLASS XI
2024-25**

NAME OF EXAMINATION	MONTH	TOPIC
PERIODIC TEST-1	JULY 2024	UNIT-1 What is psychology? UNIT-2 Methods of research in psychological enquiry
HALF YEARLY EXAM	AUGUST 2024	UNIT-1 What is psychology? UNIT-2 Methods of research in psychological enquiry UNIT-3 Human Development UNIT-4 Sensory, attentional and perceptual processes
PERIODIC TEST -2	NOVEMBER- DECEMBER 2024	UNIT-5 Learning UNIT-6 Human Memory
ANNUAL EXAMINATION	FEBRUARY- MARCH 2025	UNIT-1 What is psychology? UNIT-2 Methods of research in psychological enquiry UNIT-3 Human Development UNIT-4 Sensory, attentional and perceptual processes UNIT-5 Learning UNIT-6 Human Memory UNIT-7 Thinking UNIT-8 Motivation and Emotion

*subject to changes

MATHEMATICS**CLASS XI****2024-25**

NAME OF THE EXAMINATION	MONTH	TOPIC
PERIODIC TEST - 1	JULY 2024	Chapter- 1 Sets Chapter-2 Relations and Functions Chapter-3 Trigonometric Functions(till Ex 3.3)
HALF YEARLY EXAM	AUGUST 2024	Chapter -1 Sets Chapter – 2 Relations and Functions Chapter – 3 Trigonometric Functions Chapter – 12 Limits and Derivatives Chapter – 13 Statistics
PERIODIC TEST - 2	NOVEMBER – DECEMBER, 2024	Chapter – 4 Complex Numbers and Quadratic Equations Chapter- 5 Linear Inequalities Chapter – 6 Permutations and Combinations
ANNUAL EXAMINATION	FEBRUARY – MARCH, 2024	Chapter – 1 Sets Chapter – 2 Relations and Functions Chapter – 3 Trigonometric Functions Chapter – 4 Complex Numbers and Quadratic Equations Chapter – 5 Linear Inequalities Chapter – 6 Permutations and Combinations Chapter – 7 Binomial theorem Chapter – 8 Sequence and Series Chapter – 9 Straight Lines Chapter – 10 Conic Sections Chapter – 11 Introduction to Three Dimensional Geometry Chapter – 12 Limits and Derivatives Chapter – 13 Statistics Chapter – 14 Probability

Economics
CLASS: XI
2024-25

Examination	Month	Topics
Periodical 1	July 2024	<p>STATISTICS: <u>Unit 1:</u> Introduction Chapter 1: Economics – An Introduction Chapter 2: Scope & Importance of Statistics <u>Unit 2:</u> Collection, Organisation & Presentation of data Chapter 3: Collection of data</p> <p>MICRO ECONOMICS: <u>Unit 4:</u> Introduction <u>Unit 5:</u> Consumer’s Equilibrium & Demand <ul style="list-style-type: none"> ● Demand and Elasticity of Demand </p>
Half Yearly Exams	August 2024	<p>STATISTICS: <u>Unit 1:</u> Introduction Chapter 1: Economics – An Introduction Chapter 2: Scope & Importance of Statistics <u>Unit 2:</u> Collection, Organisation & Presentation of data Chapter 3: Collection of data Chapter 4: Organisation of data Chapter 5: Tabular Presentation of data Chapter 6: Diagrammatic Presentation Chapter 7: Graphic Presentation</p> <p>MICRO ECONOMICS: <u>Unit 4:</u> Introduction <u>Unit 5:</u> Consumer’s Equilibrium & Demand <ul style="list-style-type: none"> ● Ordinal Approach to Consumer Equilibrium ● Cardinal Approach to Consumer Equilibrium ● Demand and Elasticity of Demand </p>
Periodical 2	November-December 2024	<p>STATISTICS: <u>Unit 3:</u> Statistical Tools & Interpretation Chapter 8 & 9: Measures of Central Tendency – Mean, Mode & Median</p> <p>MICRO ECONOMICS: <u>Unit 6:</u> Producer behaviour & Supply</p>

		<ul style="list-style-type: none"> ● Production function ● Cost ● Revenue ● Producer's Equilibrium
Annual Examination	February-March 2025	<p>STATISTICS:</p> <p><u>Unit 1:</u> Introduction Chapter 1: Economics – An Introduction Chapter 2: Scope & Importance of Statistics</p> <p><u>Unit 2:</u> Collection, Organisation & Presentation of data Chapter 3: Collection of data Chapter 4: Organisation of data Chapter 5: Tabular Presentation of data Chapter 6: Diagrammatic Presentation Chapter 7: Graphic Presentation</p> <p><u>Unit 3:</u> Statistical Tools & Interpretation Chapter 8 & 9: Measures of Central Tendency – Mean, Mode & Median Chapter 11: Measures of Correlation Chapter 12: Index Numbers</p> <p>MICRO ECONOMICS:</p> <p><u>Unit 4:</u> Introduction</p> <p><u>Unit 5:</u> Consumer's Equilibrium & Demand</p> <ul style="list-style-type: none"> ● Ordinal Approach to Consumer Equilibrium ● Cardinal Approach to Consumer Equilibrium ● Demand and Elasticity of Demand <p><u>Unit 6:</u> Producer behaviour & Supply</p> <ul style="list-style-type: none"> ● Production function ● Cost ● Revenue ● Producer's Equilibrium ● Supply and Elasticity of supply <p><u>Unit 7:</u> Forms of Market & Price Determination * Perfect Competition & its features * Price determination * Simple Applications</p>

BUSINESS STUDIES
CLASS XI
2024-25

NAME OF EXAMINATION	MONTH	TOPIC
PERIODIC TEST-1	JULY 2024	Unit 1: Nature and purpose of business Unit 2: Forms of business organization
HALF YEARLY EXAM	AUGUST 2024	Unit 1: Nature and purpose of business Unit 2: Forms of business organization Unit 3: Public, private and global enterprises Unit4: Business services Unit5: emerging modes of business
PERIODIC TEST -2	NOVEMBER - DECEMBER 2024	Unit6: Social Responsibility of Business and Business Ethics Unit7: Sources of Business Finance Unit 8: Small Business
ANNUAL EXAMINATION	FEBRUARY- MARCH 2025	Unit 1: Nature and purpose of business Unit 2: Forms of business organization Unit 3: Public, private and global enterprises Unit4: Business services Unit5: emerging modes of business Unit6: Social Responsibility of Business and Business Ethics Unit7: Sources of Business Finance Unit8: Small business Unit9: Internal Trade Unit 10: International trade

ACCOUNTANCY**CLASS XI****2024-25**

NAME OF THE EXAMINATION	MONTH	TOPIC
PERIODIC TEST - 1	JULY 2024	Chapter- 1 Introduction to accounting Chapter-2 Basic accounting terms Chapter-3 Theory base of accounting, Accounting standards and Indian Accounting Standards Chapter 4-Bases of Accounting Chapter 5-Accounting equation
HALF YEARLY EXAM	AUGUST 2024	Chapter- 1 Introduction to accounting Chapter-2 Basic accounting terms Chapter-3 Theory base of accounting, Accounting standards and Indian Accounting Standards Chapter 4-Bases of Accounting Chapter 5-Accounting equation Chapter 6- Accounting procedures-Rules of Debit and Credit Chapter 7-Origin of transactions-Source Documents and Preparation of Vouchers Chapter 8-Journal Chapter 9- Ledger Chapter 10- Special Purpose Books I-Cash Book Chapter 11- Special Purpose Books II-Other Books Chapter12- Accounting of GST Chapter 14-Trial Balance
PERIODIC TEST - 2	NOVEMBER – DECEMBER, 2024	Chapter 13- Bank Reconciliation Statement Chapter14-Trial Balance Chapter 15- Depreciation

		Chapter 16- Reserves and Provisions
ANNUAL EXAMINATION	FEBRUARY – MARCH, 2024	<p>Chapter- 1 Introduction to accounting</p> <p>Chapter-2 Basic accounting terms</p> <p>Chapter-3 Theory base of accounting, Accounting standards and Indian Accounting Standards</p> <p>Chapter 4-Bases of Accounting</p> <p>Chapter 5-Accounting equation</p> <p>Chapter 6- Accounting procedures-Rules of Debit and Credit</p> <p>Chapter 7-Origin of transactions-Source Documents and Preparation of Vouchers</p> <p>Chapter 8-Journal</p> <p>Chapter 9- Ledger</p> <p>Chapter 10- Special Purpose Books I-Cash Book</p> <p>Chapter 11- Special Purpose Books II-Other Books</p> <p>Chapter12- Accounting of GST</p> <p>Chapter 13- Bank Reconciliation Statement</p> <p>Chapter14-Trial Balance</p> <p>Chapter 15- Depreciation</p> <p>Chapter 16- Provisions and Reserves</p> <p>Chapter 17-Rectification of errors</p> <p>Chapter 18-Financial Statements of sole proprietorship</p> <p>Chapter 19-Adjustments in preparation of Financial Statements</p> <p>Chapter 20-Accounts from incomplete records-Single entry system</p>

ENGLISH CORE
CLASS XI
2024-25

NAME OF EXAMINATION	MONTH	TOPIC
PERIODIC TEST-1	JULY 2024	<ul style="list-style-type: none"> - Reading Comprehension - Writing Skills – Poster Making - Integrated Grammar - Literature <ul style="list-style-type: none"> ● Hornbill: Portrait of a Lady A Photograph ● Snapshots: The Summer of the Beautiful White Horse
HALF YEARLY EXAM	AUGUST 2024	<ul style="list-style-type: none"> - Reading Comprehension - Writing Skills <ul style="list-style-type: none"> ● Poster Making ● Classified Advertisement ● Debate Writing ● Speech Writing ● Note Making & Summarisation - Integrated Grammar - Literature <p>Hornbill:</p> <ul style="list-style-type: none"> ● Portrait of a Lady ● A Photograph ● We're not Afraid to Die... If We Can All Be Together ● Discovering Tut the Saga Continues ● The Laburnum Top <p>Snapshots:</p> <ul style="list-style-type: none"> ● The Summer of the Beautiful White Horse ● The Address ● Mother's Day
PERIODIC TEST - 2	NOVEMBER – DECEMBER 2024	<ul style="list-style-type: none"> - Reading Comprehension - Writing Skills <ul style="list-style-type: none"> ● Note Making ● Classified Advertisements ● Debate Writing - Integrated Grammar (Tenses, Verbs, Reported Speech, jumbled Sentences)

		<p>Hornbill:</p> <ul style="list-style-type: none"> ● 1. The Laburnum Top ● 2. Childhood ● The Adventure <p>Snapshots:</p> <ul style="list-style-type: none"> ● Birth
ANNUAL EXAMINATION	FEBRUARY – MARCH 2025	<ul style="list-style-type: none"> - Reading Comprehension - Writing Skills <ul style="list-style-type: none"> ● Poster Making ● Classified Advertisement ● Debate Writing ● Speech Writing ● Note Making & Summarisation - Integrated Grammar - Literature <p>Hornbill:</p> <ul style="list-style-type: none"> ● Portrait of a Lady ● A Photograph ● We're not Afraid to Die... If We Can All Be Together ● Discovering Tut the Saga Continues ● The Laburnum Top ● The Voice of the Rain ● Childhood ● The Adventure ● Silk Road ● Father to Son <p>Snapshots:</p> <ul style="list-style-type: none"> ● The Summer of the Beautiful White Horse ● The Address ● Mother's Day ● Birth (Prose) ● The Tale of Melon City

**BIOLOGY
CLASS XI
2024-25**

NAME OF EXAMINATION	MONTH	TOPIC
PERIODIC TEST - 1	JULY 2024	UNIT – III Cell Structure and Function Chapters 8. Cell – The Unit of Life 9. Biomolecules 10. Cell Cycle and Cell Division
HALF YEARLY EXAM	AUGUST 2024	UNIT - I Diversity of Living organisms Chapters 1. The Living World 2. Biological Classification 3. Plant Kingdom 4. Animal Kingdom UNIT – II Structural Organization in Plants and Animals Chapters 5 Morphology of Flowering Plants 6. Anatomy of Flowering Plants 7. Structural Organization in Animals UNIT – III Cell Structure and Function Chapters
PERIODIC TEST - 2	NOVEMBER- DECEMBER 2024	11: Photosynthesis in Higher Plants 12: Respiration in Plants 13: Plant - Growth and Development
Annual Exams	FEBRUARY- MARCH 2025	UNIT- V Human Physiology 14. Breathing and Exchange of Gases 15. Body Fluids and Circulation 16. Excretory Products and their Elimination 17. Locomotion and Movement 18. Neural Control and Coordination 19. Chemical Coordination and Integration All the chapters covered during the session till Periodic II exams

POLITICAL SCIENCE*

CLASS XI

2024-25

NAME OF EXAMINATION	MONTH	TOPIC
PERIODIC TEST-1	JULY 2024	Book: Indian Constitution at work Ch.1 Constitution: Why and how? Ch.2 Rights in the Indian Constitution
HALF YEARLY EXAM	AUGUST 2024	Book: Indian Constitution at work Ch.1 Constitution: Why and how? Ch.2 Rights in the Indian Constitution Ch.3 Election and Representation Ch.4 Executive Ch.5 Legislature Ch.6 Judiciary (Powers of the Supreme Court) Book: Political Theory Ch.2 Freedom

		Ch.3 Equality
PERIODIC TEST - 2	NOVEMBER – DECEMBER 2024	Book: Political Theory Ch.1 Political theory an introduction Ch.4 Social Justice Ch.5 Rights
ANNUAL EXAMINATION	FEBRUARY – MARCH 2025	Book: Indian Constitution at work 1 Constitution: Why and How? 2 Rights in the Indian Constitution 3 Election and Representation 4 Executive 5 Legislature 6 Judiciary 7 Federalism 8 Local Governments 9 Constitution as a Living Document 10 The Philosophy of the Constitution Book: Political theory

		<p>1 Political Theory: An Introduction</p> <p>2 Freedom</p> <p>3 Equality</p> <p>4 Social Justice</p> <p>5 Rights</p> <p>6 Citizenship</p> <p>7 Nationalism</p> <p>8 Secularism</p>
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*subject to changes

COMPUTER SCIENCE (CS)***CLASS XI****2024-25**

NAME OF EXAMINATION	MONTH	TOPIC
PERIODIC TEST - 1	JULY 2024	<ol style="list-style-type: none">1. Getting Started with Python2. Python Programming Fundamentals3. Conditional & looping Constructs : if statement & simple loops(for & while)
HALF YEARLY EXAM	AUGUST 2024	<ol style="list-style-type: none">1. Getting Started with Python2. Python Programming Fundamentals3. Conditional & looping Constructs (Complete)4. Strings in python5. Computer system Organization
PERIODIC TEST - 2	NOVEMBER DECEMBER 2024	<ol style="list-style-type: none">1. Lists in Python2. Tuples & Dictionary
ANNUAL EXAMINATION	FEBRUARY MARCH 2025	<ol style="list-style-type: none">1. Getting Started with Python2. Python Programming Fundamentals3. Conditional & looping Constructs (Complete)4. Strings in python

		<ul style="list-style-type: none"> 5. Computer system Organization 6. Lists in Python 7. Tuples & Dictionary 8. Introduction to Python Modules
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*subject to changes

INFORMATICS PRACTICES*
Class XI
2024-25

NAME OF EXAMINATION	MONTH	TOPIC
PERIODIC TEST-1	JULY 2024	Unit 1: Introduction to Computer System Unit 3: Database concepts and the Structured Query Language
HALF YEARLY EXAM	AUGUST 2024	Unit 1: Introduction to Computer System Unit 3: Database concepts and the Structured Query Language Unit 2: Introduction to Python Basics of Python programming Keywords, Identifiers, Data Types, comments, Operators, Control structures
PERIODIC TEST -2	NOVEMBER - DECEMBER 2024	Unit 2: Introduction to Python Lists Dictionary
ANNUAL EXAMINATION	FEBRUARY-MARCH 2025	Unit 1: Introduction to Computer System Unit 2: Introduction to Python Unit 3: Database concepts and the Structured Query Language Unit 4: Introduction to the Emerging Trends

*subject to changes

AI*
Class XI
2024-25

NAME OF EXAMINATION	MONTH	TOPIC
PERIODIC TEST-1	JULY 2024	Employability Skills Unit 1: Introduction to AI for everyone Unit3: Python Programming
HALF YEARLY EXAM	AUGUST 2024	Employability Skills Unit 1: Introduction to AI for everyone Unit3: Python Programming Unit 2: Unlocking your Future in AI Unit 4: Introduction to Capstone Project
PERIODIC TEST -2	NOVEMBER - DECEMBER 2024	Employability Skills Unit 6: Machine learning Algorithms Dictionary Unit 7: Leveraging Linguistics and computer sc
ANNUAL EXAMINATION	FEBRUARY- MARCH 2025	Employability Skills Unit 1: Introduction to AI for everyone Unit 2: Unlocking your Future in AI Unit3: Python Programming Unit 4: Introduction to Capstone Project Unit 5: Data Literacy Unit 6: Machine learning Algorithms Dictionary Unit 7: Leveraging Linguistics and computer sc Unit 8: AI Ethics and values

*subject to changes

HISTORY*

Class XI

2024-25

NAME OF EXAMINATION	MONTH	TOPIC
PERIODIC TEST-1	JULY 2024	CHAPTER 1: Writing & City Life CHAPTER 2 : Empire Across Three Continents (Half)
HALF YEARLY EXAM	AUGUST 2024	CHAPTER 1: Writing & City Life CHAPTER 2 : Empire Across Three Continents CHAPTER 3 : Nomadic Empires CHAPTER 4 : The Three Orders CHAPTER 5 : Changing Cultural Traditions
PERIODIC TEST - 2	NOVEMBER – DECEMBER 2024	CHAPTER 6: Displacing Indigenous People
ANNUAL EXAMINATION	FEBRUARY – MARCH 2025	CHAPTER 1: Writing & City Life CHAPTER 2 : Empire Across Three Continents CHAPTER 3 : Nomadic Empires CHAPTER 4 : The Three Orders CHAPTER 5 : Changing Cultural Traditions CHAPTER 6: Displacing Indigenous People CHAPTER 7 : Paths To Modernisation

*subject to changes