

Class XII

WEEKLY TEST SYLLABUS

Subject	Topics/ Chapter
English	<p>FLAMINGO: My Mother at Sixty-Six Keeping Quiet The Last Lesson Deep Water Lost Spring</p> <p>VISTAS: The Third Level Journey to the end of the Earth</p> <p>WRITING SKILLS: Notice Informal Letter of Invitation and Reply Letter to an Editor Article</p>
Mathematics	<p>Ch. 2: Inverse Trigonometric Function Ch. 5: Continuity and Differentiability Ch. 6: Applications of Derivatives</p>
Applied Mathematics	<p>5. Differentiation 6. Applications of Derivatives. 1. Numbers, Quantification, and Numerical Applications</p>
Physics	<p>Ch. 1: Electric charges and fields Ch. 2: Electrostatic potential and Capacitance Ch. 3: Current Electricity</p>
Chemistry	<p>Ch.1: Solutions, Ch. 2: Electrochemistry, Ch. 3: Chemical Kinetics</p>
Biology	<p>Ch. 2: Sexual Reproduction in Flowering Plants Ch. 3: Human Reproduction Ch. 4: Reproductive Health</p>
Accountancy	<p>Accounting for Partnership Firms: 1. Fundamentals 2. Valuation of Goodwill 3. Change in Profit Sharing Ratio</p>
Business Studies	<p>Ch. 1: Nature and Significance of Management Ch. 2: Principles of Management Ch. 3: Business Environment Ch. 4: Planning</p>

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Economics	Macro Economics: Unit1: National Income Accounting and Related Aggregates, Unit3: Income Determination and theory of Employment
History	Theme 1: Bricks, Beads and Bones. Theme 2: Kings, Farmers and Towns. Theme 3: Kings, Caste and Class. Theme 4: Thinkers, Beliefs and Buildings.
Political Sc	Ch. 2: The End of Bipolarity Ch. 4: New Centres of Power Ch. 5: Contemporary South Asia Ch. 6: United Nation and its Organisations
Commercial Arts	Theory Six limbs of art Elements of Art Principles of design. Unit -1 Ch.1: The Manuscript Painting Tradition Ch.2: The Rajasthani Schools of Painting Ch.3: The Mughal School of Miniature Painting
Computer Science	1. Random module 2. User define functions 3. File handling
Informatics Practices	Ch. 1: Python Pandas - I Ch. 2: Python Pandas - II Ch. 3: Plotting with PyPlot Ch. 4: Importing/Exporting Data between CSV Files / MySQL and Pandas
Physical Education	Ch. 1: Management of sporting events. Ch. 3: Yoga as Preventive measure for Lifestyle Disease Ch. 4: Physical Education & Sports for CWSN (Children with Special Needs - Divyang) Ch. 7: Physiology & Injuries in Sports
Legal Studies	Unit 1: Judiciary, Unit 2: Topics of Law, Unit 3: Arbitration, Tribunal Adjudication and Alternative Dispute Resolution
Entrepreneurship	Unit 3: Enterprise Marketing, Unit 5: Business Arithmetic (Only Numericals)
Psychology	Ch.1: Variations in Psychological Attributes Ch. 2: Self and Personality

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Examination Syllabus Breakup

English

	Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
FLAMINGO	<ul style="list-style-type: none"> ● My Mother at Sixty-Six ● Keeping Quiet ● The Last Lesson ● Deep Water ● Lost Spring ● The Rattrap ● Indigo ● Poets and Pancakes ● Roadside Stand ● A Thing of Beauty 	<ul style="list-style-type: none"> ● The Interview ● Going Places ● Aunt Jennifer's Tigers 	Revision
VISTAS	<ul style="list-style-type: none"> ● The Third Level ● Journey to the end of the Earth ● The Tiger King ● The Enemy ● On the Face of it 	<ul style="list-style-type: none"> ● Memories of Childhood 	
Writing Skills	<ul style="list-style-type: none"> ● Notice ● Informal Letter of Invitation and Reply ● Letter to an Editor ● Article ● Formal invitation and reply ● Job Application ● Report Writing 	Revision	
		Complete Syllabus	Complete Syllabus
Book: English Core 1. Flamingo (NCERT) 2. Vistas (NCERT)			

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Examination Syllabus Breakup

Physics

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
1. Electric Charges and Field 2. Electrostatic Potential and Capacitance 3. Current Electricity 4. Moving Charges and Magnetism 5. Magnetism and Matter 6. Electromagnetic Induction 7. Alternating Current 8. Electromagnetic Waves	9. Ray Optics and Optical Instruments 10. Wave optics 11. Dual Nature of Radiation and Matter 12. Atoms 13. Nuclei 14. Semiconductors	Revision
	Complete Syllabus	Complete Syllabus
Books: Physics Part I & Part II Publisher: N.C.E.R.T Comprehensive Practical Physics Publisher: Laxmi Publications		

Chemistry

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
Ch.1: Solutions Ch.2: Electrochemistry Ch.3: Chemical Kinetics Ch.6: Haloalkanes and Haloarenes Ch.7: Alcohol, Phenols and Ether Ch.8: Aldehyde, Ketones and Carboxylic Acids Ch.9: Amines	Ch.4: d and f-Block Elements Ch.5: Coordination Compounds Ch.10: Biomolecules	Revision
	Complete Syllabus	Complete Syllabus
Books: Chemistry Part I Chemistry Part II Publisher: N.C.E.R.T Comprehensive Chemistry Practical Publisher : Laxmi Publications		

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Examination Syllabus Breakup

Biology

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
Ch.2: Sexual Reproduction in Flowering Plants Ch.3: Human Reproduction Ch.4: Reproductive Health Ch.5: Principles of Inheritance and Variation Ch.6: Molecular Basis of Inheritance Ch.7: Evolution	Ch.8: Human Health and Diseases Ch.10: Microbes in Human Welfare Ch.11: Biotechnology - Principles and Processes Ch.12: Biotechnology and its Applications Ch.13: Organisms and Populations Ch.14: Ecosystem Ch.15: Biodiversity and its Conservation	Revision
	Complete Syllabus	Complete Syllabus
Book: Biology Publisher: NCERT Comprehensive Practical Biology Publisher: Laxmi Publications		

Mathematics

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
3. Matrices 4. Determinants 2. Inverse Trigonometric Functions 5. Continuity and Differentiability. 6. Application of Derivatives 1. Relations and Functions 7. Integrals 8. Applications of Integrals 9. Differential Equations	10. Vector Algebra 11. Three Dimensional Geometry 12. Linear programming 13. Probability	Revision
	Complete Syllabus	Complete Syllabus
Book: Mathematics Publisher: N.C.E.R.T		

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Examination Syllabus Breakup

Accountancy

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
Part A 1. Fundamentals of Partnership 2. Valuation of Goodwill and Change in Profit sharing Ratio 3. Admission of Partner 4. Retirement of Partner 5. Death of Partner 6. Dissolution of Firm 7. Share Capital	Part A 8. Debentures Part B- Analysis of Financial Statements 1. Introduction 2. Nature and Significance of Financial Statements 3. Accounting Ratios 4. Cash Flow Statement	Revision
	Complete Syllabus	Complete Syllabus
Book: Accountancy Publisher: NCERT		

Business Studies

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
Ch.1: Nature and Significance of Management Ch. 2: Principles of Management Ch. 3: Business Environment Ch. 4: Planning Ch. 5: Organising Ch. 9: Financial Management Ch.10: Financial Market Ch.11: Marketing	Ch. 6: Staffing Ch. 7: Directing Ch. 8: Controlling Ch.12: Consumer Protection	Revision
	Complete Syllabus	Complete Syllabus
Book: Business Studies (Part I and II) Publisher : NCERT		

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Examination Syllabus Breakup

Economics

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
<p>Macro Economics</p> <p>Unit 2: Money and Banking</p> <p>Unit 4: Government Budget and the Economy</p> <p>Unit 1: National Income Accounting and Related aggregates</p> <p>Unit 3: Income Determination and Theory of Employment</p> <p>Unit 5: Foreign Exchange Rate and Balance of Payment</p> <p>Indian Economic Development</p> <p>Ch. 1: Indian Economy on the Eve of Independence</p> <p>Ch. 2: Indian Economy 1950 - 1990</p> <p>Ch. 3: Economic Reforms since 1991</p>	<p>Indian Economic Development</p> <p>Ch.4: Human Capital Formation</p> <p>Ch.5: Rural Development</p> <p>Ch.6: Employment</p> <p>Ch.7: Sustainable Economic Development</p> <p>Ch. 8: Development Experience of India: A comparison with neighbours</p>	<p>Revision</p>
	Complete Syllabus	Complete Syllabus
<p>Books: 1. Introductory Macro Economics 2. Indian Economic Development</p> <p>Publisher : NCERT</p>		

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Examination Syllabus Breakup

Political Science

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
Part A: Contemporary World Politics. Ch. 2: The End of Bipolarity Ch. 4: New Centres of Power. Ch. 5: Contemporary South Asia. Ch. 6: United Nation and its Organisations. Ch. 7: Security in the Contemporary World. Ch. 8: Environment and Natural Resources. Ch. 9: Globalisation Part B: Politics in India since Independence. Ch. 1: Challenges of Nation Building. Ch. 3: Planned Development	Part B: Politics in India since Independence. Ch. 4: India's Foreign Policy. Ch. 2 & 5: Parties and Party System in India. Ch. 6: Democratic Resurgence. Ch. 7: Regional Aspirations Ch. 8: Indian Politics: Recent Trends and Development.	Revision
	Complete Syllabus	Complete Syllabus
Book: Part A: Contemporary World Politics. Chapters 1 and 3 (Part A) are deleted by CBSE Part B: Politics in India since Independence. Chapters 2 and 5 are merged together. (Part B) Publisher : NCERT		

History

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
Themes in Indian History-Part I Theme 1: Bricks, Beads and Bones. Theme 2: Kings, Farmers and Towns. Theme 3: Kings, Caste and Class. Theme 4 : Thinkers, Beliefs and Buildings. Themes in Indian History-Part II Theme 5: Through the Eyes of Travellers. Theme 6: Bhakti - Sufi Traditions. Theme 7: An Imperial Capital Vijayanagara Theme 8: Peasants, Zamindars and the State.	Themes in Indian History - Part III Theme 10: Colonialism and the Countryside. Theme 11: Rebels and the Raj. Theme 13: Mahatma Gandhi and the Nationalist Movement. Theme 15: Framing the Constitution.	Revision
	Complete Syllabus	Complete Syllabus
Book: 1. Themes in Indian History-Part I 2. Themes in Indian History-Part II 3. Themes in Indian History - Part III Publisher: NCERT		

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Examination Syllabus Breakup

Entrepreneurship

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
Unit 3: Enterprise Marketing Unit 5: Business Arithmetic (Only Numericals) Unit 2: Entrepreneurial Planning Unit 4: Enterprise Growth Strategies	Unit 1: Entrepreneurial Opportunity Unit 5: Business Arithmetic (Theory) Unit 6: Resource Mobilisation	Revision
	Complete Syllabus	Complete Syllabus
Book: Entrepreneurship Publisher: NCERT		

Psychology

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
Ch.1: Variations in Psychological Attributes Ch. 2: Self and Personality Ch. 3: Meeting Life Challenges Ch. 4: Psychological Disorders	Ch. 5: Therapeutic Approaches. Ch. 6: Attitude and Social Cognition. Ch. 7: Social Influence and Group Processes.	Revision
	Complete Syllabus	Complete Syllabus
Book : Psychology Class XII Publisher: NCERT		

Physical Education

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
Ch. 1: Management of sporting events. Ch. 2: Children and women in sports Ch. 3: Yoga as Preventive measure for Lifestyle Disease Ch. 4: Physical Education & Sports for CWSN (Children with Special Needs - Divyang) Ch. 5: Sports and Nutrition Ch. 7: Physiology & Injuries in Sports Ch. 10: Training and Sports	Ch. 6: Test and measurement in sports. Ch. 8: Biomechanics and sports. Ch.9: Psychology and Sports Revision	Revision
	Complete Syllabus	Complete Syllabus
Book: Physical Education Publisher: Saraswati Publications		

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Examination Syllabus Breakup

Legal Studies

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
<p>Unit 2- Topics of Law</p> <p>i. Law of Property ii. Law of Contracts iii. Law of Torts iv. Introduction to Criminal Laws in India</p> <p>Unit 1- Judiciary</p> <p>i. Structure and Hierarchy of Courts and Legal Offices in India ii. Constitution, Roles and Impartiality iii. Appointments, Trainings, Retirement and Removal of Judges iv. Courts and Judicial Review</p> <p>Unit 3- Arbitration, Tribunal Adjudication and Alternative Dispute Resolution</p> <p>i. Adversarial and Inquisitorial Systems ii. Introduction to Alternative Dispute Resolution iii. Types of ADR- Arbitration, Administrative Tribunals iv. Mediation and Conciliation v. Lok Adalats vi. Ombudsman vii. Lokpal and Lokayukta</p> <p>Unit 4- Human Rights in India</p> <p>i. Constitutional framework and Related laws in India- Human Rights in India; Preamble, Fundamental Rights, Fundamental Duties, Directive Principles of State Policy ii. Complaint mechanism of quasi judicial bodies- NHRC, NCM, NCW, NCSC and NCST</p>	<p>Unit 5- Legal Profession in India</p> <p>i. The Advocates Act, 1961 ii. The Bar Council of India iii. Lawyers and Professional Ethics Professional duties of an advocate; Advertising by Lawyers iv. Opportunities for Law graduates v. Legal Education in India vi. Liberalisation of the Legal Profession vii. Women and Legal Profession in India.</p> <p>Unit 6- Legal Services</p> <p>i. Free Legal Aid under Criminal law, Legal Aid by the State, Legal Aid under the Indian Constitution ii. NALSA Regulations, 2010 iii. Criteria for giving free Legal Services iv. Lok Adalats v. Legal Aid in Context of Social Justice and Human Rights</p> <p>Unit 7- International Context</p> <p>i. Introduction to International Law ii. Sources of International Law – Treaties, Customs and ICJ Decisions iii. International Institutions iv. International Human Rights v. Customary International Law vi. International law & Municipal Law vii. International Law & India viii. Dispute Resolution – ICJ, ICC and Other Dispute Resolution Mechanisms</p>	Revision
	Complete Syllabus	Complete Syllabus
<p>Book: Legal Studies Publisher: CBSE</p>		

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Examination Syllabus Breakup

Commercial Arts

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
<p>Term I-Theory Six limbs of Art Elements of Art Principles of Design</p> <p>Unit-1 1. The Manuscript Painting Tradition 2. The Rajasthani Schools of Painting 3. The Mughal School of Miniature Painting</p> <p>Unit- 2 4. The Deccani Schools of Painting 5. The Pahari Schools of Painting</p>	<p>Theory – Unit 3 6. The Bengal School and Cultural Nationalism and Indian National flag 7. The Modern Indian Art 8. The Living Art Traditions of India</p>	<p>Revision</p>
<p>Practical-</p> <ul style="list-style-type: none"> ● Illustrations Topic- (With 3 figure) ● Games and Sports Construction on Site Mandala /Rotaring /doodling ● Mother and Child Social Work <p>Poster (With calligraphy)</p> <ul style="list-style-type: none"> ● World Tourism A Way to Dissolve Boundaries ● Cyber-crime <ul style="list-style-type: none"> ● Magazine cover ● Say No to Drugs 	<p>Practical Illustrations Topic-(With 3 figure)</p> <ul style="list-style-type: none"> ● Any Indian Festival ● Me and my friend <p>Poster (With calligraphy)</p> <ul style="list-style-type: none"> ● Product Design and Packing ● Covid 19 (positive and negative effects) 	<p>Practical Complete any 4 Illustrations 4 posters</p>
<p>Indian folk art</p> <ol style="list-style-type: none"> 1. Warli Art 2. Mahbubani Painting 3. Phada painting 4. Aipan art 5. Patachitra painting 6. Tanjore painting 	<p>Indian folk art</p> <ol style="list-style-type: none"> 1. Pichwai Painting 2. Gonad art 3. Kalighat Painting 4. Kalamkari art 5. Mandana art 6. Phulkari Art 	<p>Complete any 4 folk Art works Total -12 artworks</p>
	Complete Syllabus	Complete Syllabus
<p>Book : An Introduction to Indian art part II Publisher: NCERT</p>		

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Informatics Practices

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
<p>Unit 1: Data Handling using Pandas & Data Visualization</p> <ul style="list-style-type: none"> ● Python Pandas - I ● Python Pandas - II ● Plotting with PyPlot ● Importing/ Exporting Data between CSV Files / MySQL and Pandas <p>Unit 2 : Database Query using SQL</p> <ul style="list-style-type: none"> ● MySQL SQL Revision Tour ● MySQL Functions ● Querying Using SQL ● Joins and Set Operations 	<p>Unit 3: Introduction to Computer Networks</p> <ul style="list-style-type: none"> ● Introduction to Computer Networks ● Introduction to Internet and Web <p>Unit 4 : Societal Impacts</p> <ul style="list-style-type: none"> ● Data Protection ● Societal Impacts 	<p>Revision</p>
	Complete Syllabus	Complete Syllabus
<p>Book: Informatics Practices Publisher: Dhanpat Rai and Company and NCERT</p>		

Computer Science

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
<ul style="list-style-type: none"> ● Python Revision Tour- I ● Python Revision Tour- II ● Working with Functions ● Using Python Libraries ● File Handling ● Data Structure through python ● MySQL Revision Tour ● More on SQL ● Interface Python with MySql ● Computer Networks- I ● Computer Network-II 	<ul style="list-style-type: none"> ● Idea of Algorithmic Efficiency ● Society, Law and Ethics 	<p>Revision</p>
	Complete Syllabus	Complete Syllabus
<p>Book: Computer Science with Python Publisher: Dhanpat Rai & Co. and NCERT</p>		

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Applied Mathematics

Half Yearly Examination	Pre Board I Examination	Pre Board II Examination
3. Matrices 4. Determinants 5. Differentiation 6. Applications of Derivatives. 1. Numbers, Quantification, and Numerical Applications 2. Numerical Inequalities. 15. Linear Programming 11. Index numbers and Time Based Data. 12. Perpetuity, Sinking Funds and EMI 7. Integrals(Indefinite).	7. Integrals(cont...) 8. Differential Equations 9. Probability. 10. Inferential Statistics. 14. Returns, Growth and Depreciation	Revision
	Complete Syllabus	Complete Syllabus
Book: Applied Mathematics (M L Aggarwal) Publisher: Arya Publications		