

## Class XII

### Examination Syllabus Breakup

#### English

	Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
<b>FLAMINGO</b>	<b>Prose:</b> 1. The Last Lesson 2. Lost Spring 3. The Rattrap <b>Poetry:</b> 1. My Mother at Sixty-six 2. Keeping Quiet 3. Aunt Jennifer's Tigers	<b>Prose:</b> 1. Indigo 2. The Interview 3. Deep Water 4. Going Places <b>Poetry:</b> 1. A Thing of Beauty	<b>Poetry:</b> 1. A Roadside Stand 3. Poets and Pancakes	Revision
<b>VISTAS</b>	1. The Third Level 2. Journey to the End of the Earth	1. On the Face of it 2. Memories of Childhood 3. The Tiger King	The Enemy	
<b>Writing Skills</b>	1. Notice 2. Invitation 3. Article 4. Report 5. Letter to the Editor	1. Job Application		
		+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book:</b> English Core 1. Flamingo (NCERT) 2. Vistas (NCERT)				

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### Examination Syllabus Breakup

### Physics

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
Ch.1: Electric Charges and Fields Ch. 2: Electrostatic Potential and Capacitance Ch. 3: Current Electricity	Ch.4: Moving charges and fields Ch. 5: Magnetism and Matter Ch.6: Electromagnetic Induction Ch. 7: Alternating Current Ch. 8: Electromagnetic Waves	Ch. 9: Ray Optics and Optical instruments Ch. 10: Wave Optics Ch. 11: Dual nature of Radiation and Matter. Ch. 12: Atoms Ch. 13: Nuclei Ch. 14: Semiconductor Electronics: Materials, Devices and Simple Circuits	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Books:</b> Physics Part I & Part II <b>Publisher:</b> N.C.E.R.T Comprehensive Practical Physics <b>Publisher:</b> Laxmi Publications			

### Chemistry

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
Unit 1: Solutions Unit 2: Electrochemistry Unit 6: Haloalkanes and Haloarenes Unit 7: Alcohols, Phenols and Ethers Unit 9: Amines	Unit 8: Aldehydes, Ketones and Carboxylic Acids Unit 4: d and f block elements Unit 5: Coordination Compounds	Unit 3: Chemical Kinetics Unit 10: Biomolecules Revision	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Books:</b> Chemistry Part I Chemistry Part II <b>Publisher:</b> N.C.E.R.T Comprehensive Chemistry Practical <b>Publisher :</b> Laxmi Publications			

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### Examination Syllabus Breakup

### Biology

Mid Term	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
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book:</b> Biology <b>Publisher:</b> NCERT Comprehensive Practical Biology <b>Publisher:</b> Laxmi Publications			

### Mathematics

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

## Class XII

### Examination Syllabus Breakup

### Applied Mathematics

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
Ch. 3: Matrices Ch. 4: Determinants Ch. 1: Number Quantifications Ch. 2: Numerical Inequalities Ch. 5: Differentiation Ch. 6: Applications of Derivatives Ch. 11: Time Based Data	Ch. 7: Integrals Ch. 8: Differential Equations Ch. 12: Perpetuity, Sinking Funds and EMI Ch. 14: Returns, Growth and Depreciation	Ch. 15: Linear programming Ch. 9: Probability Ch. 10: Inferential Statistics	Revision
	+Complete Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book:</b> Applied Mathematics (M L Aggarwal) <b>Publisher:</b> Arya Publications			

### Accountancy

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
<u>Unit 1: Accounting for Partnership Firms</u> Ch. 1 : Basic Concepts Ch. 2: Valuation of Goodwill Ch. 3: Change in Profit Sharing Ratio Ch. 4: Admission of a partner	Ch. 5: Retirement and Death of a partner Ch. 6: Dissolution of a firm  <u>Company Accounts:</u> Ch. 1: Accounting of share capital	<u>Company Accounts:</u> Ch. 2: Issue of Debentures <u>PART-B</u> <u>Analysis of Financial Statements</u> Ch. 1: Financial Statements of Company Ch. 2: Financial Statements Analysis: Meaning, Significance and Limitations Ch. 4: Accounting Ratios Ch. 5: Cash Flow Statement (Without and with Adjustments)	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book:</b> Accountancy <b>Publisher:</b> NCERT			

## Class XII

### Examination Syllabus Breakup

### Business Studies

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

### Economics

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
<b>Introductory Macroeconomics:</b> Unit 1: National Income Accounting and Related Aggregates Unit 3: Income Determination and theory of Employment	<b>Introductory Macroeconomics:</b> Unit 2: Money and Banking Unit 4: Government budget and the economy Unit 5: Foreign Exchange Rate and Balance of Payment <b>Indian Economic Development:</b> 1. Indian Economy on the eve of Independence, 2. Indian Economy 1950 – 1990	<b>Indian Economic Development:</b> 3. Economic Reforms since 1991 4. Human Capital Formation 5. Rural Development 6. Employment 7. Sustainable Development 8. Development experiences of India - A comparison with neighbours	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Books:</b> 1. Introductory Macro Economics 2. Indian Economic Development			
<b>Publisher</b> : NCERT			

## Class XII

### Examination Syllabus Breakup

### Political Science

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
<b>Part A:</b> Contemporary World Politics. Ch. 1: End of Bipolarity Ch. 2: Contemporary Centres of Power Ch. 3: Contemporary South Asia  <b>Part B:</b> Politics in India since Independence Ch. 1: Challenges of Nation Building Ch. 2: Era of One Party Dominance Ch. 3: Politics of Planned Development	<b>Part A:</b> Contemporary World Politics. Ch. 4: International Organisations Ch. 5: Security in the Contemporary World. Ch. 6: Environment and Natural Resources  <b>Part B:</b> Politics in India since Independence  Ch. 4: India's External Relations Ch. 5: Challenges to and Restoration of the Congress System	<b>Part A:</b> Contemporary World Politics. Ch. 7: Globalisation  <b>Part B:</b> Politics in India since Independence  Ch. 6: The Crisis of Democratic Order  Ch. 7: Regional Aspirations  Ch. 8: Recent Developments in Indian Politics	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book:</b> Part A: Contemporary World Politics. Part B: Politics in India since Independence. <b>Publisher :</b> NCERT			

## Class XII

### Examination Syllabus Breakup

### History

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
<b>Themes in Indian History-Part I</b> Theme 1: Bricks, Beads and Bones Theme 2: Kings, Farmers and Towns Theme 3: Kinship, Class and Caste Theme 4: Thinkers, Beliefs and Buildings <b>Themes in Indian History-Part II</b> Theme 5: Through the Eyes of Travellers.	<b>Themes in Indian History-Part II</b> Theme 6: Bhakti-Sufi Traditions Theme 7: An Imperial Capital- Vijayanagar Theme 8: Peasants, Zamindars and the State  <b>Themes in Indian History-Part III</b> Theme 9: Colonialism and The Countryside (Till Fifth Report)	<b>Themes in Indian History-Part III</b> Theme 9: Colonialism and The Countryside (Complete theme) Theme 10: Rebels and the Raj Theme 11: Mahatma Gandhi and the Nationalist Movement Theme 12: Framing the Constitution	Revision
	+ Complete Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book:</b> 1. Themes in Indian History-Part I 2. Themes in Indian History-Part II 3. Themes in Indian History - Part III <b>Publisher:</b> NCERT			

### Entrepreneurship

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
Unit 3: Enterprise Marketing Unit 5: Business Arithmetic	Unit 2: Entrepreneurial Planning Unit 4: Enterprise Growth Strategies	Unit 1: Entrepreneurial Opportunity Unit 6: Resource Mobilisation	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book:</b> Entrepreneurship <b>Publisher:</b> NCERT			

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## Class XII

### Examination Syllabus Breakup

### Psychology

Mid Term	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
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book :</b> Psychology Class XII <b>Publisher:</b> NCERT			

### Physical Education

Mid Term	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. 6: Test and Measurement in Sports. Ch. 10: Training in Sports.	Ch. 3: Yoga as Preventive Measure for Lifestyle Disease. Ch. 4: Physical Education and Sports for CWSN (Children with Special Needs – Divyang). Ch. 5: Sports and Nutrition. Ch. 7: Physiology and injuries in Sports.	Ch. 8: Biomechanics and Sports. Ch. 9: Psychology and Sports.	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book:</b> Physical Education <b>Publisher:</b> Saraswati Publications			



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### Examination Syllabus Breakup

### Legal Studies

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
Unit 3- Topics of Law-I (Business Laws) Unit 1- Judiciary Unit 6- International Context	Unit 2- Arbitration, Tribunal Adjudication and Alternative Dispute Resolution Unit 4- Topics of Law-II (General Laws)	Unit 5- Concept of Human Rights Unit 7- Legal Profession in India Unit 8- Legal Services	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book:</b> Legal Studies (Revised applicable from 2023-24) <b>Publisher:</b> NCERT			

### Geography

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
<b>Fundamentals of Human Geography</b> Ch. 01: Human Geography Nature and Scope Ch. 02: The World Population Distribution, Density and Growth Ch. 03: Human Development  <b>India People and Economy</b> Ch. 01: Population : Distribution, Density, Growth and Composition Ch. 02: Human Settlements Ch. 03: Land, Resources and Agriculture	<b>Fundamentals of Human Geography</b> Ch. 04: Primary Activities Ch. 05: Secondary Activities Ch. 06: Tertiary and Quaternary Activities Ch. 07: Transport, Communication and Trade <b>India People and Economy</b> Ch. 04: Water Resources Ch. 05: Minerals and Energy Resources Ch. 06: Planning and Sustainable Development in Indian Context	<b>Fundamentals of Human Geography</b> Ch. 08: International Trade <b>India People and Economy</b> Ch. 07: Transport and Communication Ch. 08: International Trade Ch. 09: Geographical Perspective on selected Issues and Problems	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book:</b> Fundamentals of Human Geography Class XII India People and Economy XII Practical Work in Geography XII <b>Publisher:</b> NCERT			

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### Examination Syllabus Breakup

### Commercial Arts

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
<b>Theory</b> Six limbs of art Elements of Art Principles of design <b>Unit-1</b> 1. The Manuscript Painting Tradition 2. The Rajasthani Schools of Painting 3. The Mughal School of Miniature Painting.	<b>Theory</b> Six limbs of art Elements of Art Principles of design <b>Unit- 2</b> 4. The Deccani Schools of Painting 5. The Pahari Schools of Painting	<b>Theory – Unit 3</b> 6. The Bengal School and Cultural Nationalism and Indian National flag 7. The Modern Indian Art 8. The Living Art Traditions of India	<b>Revision</b>
<b>Practical- Illustrations Topic- (With 3 figure)</b> • Games and Sports • Construction on Site <b>Poster (With calligraphy)</b> • World Tourism A Way to Dissolve Boundaries • Cyber-crime.	<b>Practical- Illustrations Topic- (With 3 figure)</b> • Mother and child. • Social work <b>Poster (With calligraphy)</b> • Magazine cover • Say No to Drugs	<b>Practical Illustrations</b> Topic-(With 3 figure) • Any Indian Festival • Me and my friend Poster (With calligraphy) • Product Design and Packing	<b>Practical-</b> Complete Syllabus Portfolio submission (With 8 art works) and Drawing Book.
<b>Indian folk art</b> 1. Warli Art 2. Mahbubani Painting 3. Phada painting	<b>Indian folk art</b> 1. Patachitra painting 2. Tanjore painting 3. Mandana art 4. Phulkari Art	<b>Indian folk art</b> 1. Pichwai Painting 2. Gonad art 3. Kalighat Painting 4. Kalamkari art	Complete any 4 folk Artworks Total -12 artworks
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book : An Introduction to Indian art part II</b> <b>Publisher: NCERT</b> <b>Book: Panoramic Indian Painting</b> <b>Publisher: Vishal Publication</b>			

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### Examination Syllabus Breakup

### Informatics Practices

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

## Computer Science

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
1. Random module 2. User-defined functions 3. Exception Handling 4. File handling	5. MySQL 6. MySQL Functions 7. MySQL Joins	8. Connectivity Python to MySQL 9. Computer Networks 10. CyberSecurity	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
<b>Book:</b> Computer Science with Python <b>Publisher:</b> Dhanpat Rai & Co. and NCERT			