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Class XII

Examination Syllabus Breakup

English

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

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
Books: Physics Part I & Part II Publisher: N.C.E.R.T Comprehensive Practical Physics Publisher: Laxmi Publications			

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Examination Syllabus Breakup

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
Books: Chemistry Part I Chemistry Part II Publisher: N.C.E.R.T Comprehensive Chemistry Practical Publisher : Laxmi Publications			

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
Book: Biology Publisher: NCERT Comprehensive Practical Biology Publisher: Laxmi Publications			

Class XII

Examination Syllabus Breakup

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 (contd.....)	6. Application of Derivatives 7. Integrals 8. Applications of Integrals 9. Differential Equations (contd.....)	9. Differential Equations (Contd.) 10. Vector Algebra 11. Three-Dimensional Geometry. 12. Linear Programming 13. Probability	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
Book: Mathematics Publisher: N.C.E.R.T			

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 (Except Maxima and Minima)	Ch. 6: Applications of Derivatives - Maxima and Minima Ch. 11: Time-Based Data Ch. 12: Perpetuity, Sinking Funds and EMI Ch. 14: Returns, Growth and Depreciation Ch. 7: Integrals (contd.....)	Ch. 7: Integrals (contd.) Ch. 8: Differential Equations Ch. 15: Linear programming Ch. 9: Probability Ch. 10: Inferential Statistics	Revision
	+Complete Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
Book: Applied Mathematics (M L Aggarwal) Publisher: Arya Publications			

Accountancy

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Examination Syllabus Breakup

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
Book: Accountancy Publisher: NCERT			

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	5. Staffing 6. Directing 7. Controlling 12. Consumer Protection	Revision
	+ Syllabus of Mid Term	Complete Syllabus	Complete Syllabus
Book : Business Studies (Part I and II) Publisher : NCERT			

Economics

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Examination Syllabus Breakup

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
Introductory Macroeconomics: Unit 1: National Income Accounting and Related Aggregates Unit 3: Income Determination and theory of Employment	Introductory Macroeconomics: Unit 2: Money and Banking Unit 4: Government budget and the economy Unit 5: Foreign Exchange Rate and Balance of Payment Indian Economic Development: 1. Indian Economy on the eve of Independence, 2. Indian Economy 1950 – 1990	Indian Economic Development: 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
Books: 1. Introductory Macro Economics 2. Indian Economic Development Publisher : NCERT			

Political Science

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
Part A: Contemporary World Politics. Ch. 1: End of Bipolarity Ch. 2: Contemporary Centres of Power Ch. 3: Contemporary South Asia Part 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	Part A: Contemporary World Politics. Ch. 4: International Organisations Ch. 5: Security in the Contemporary World. Ch. 6: Environment and Natural Resources Part B: Politics in India since Independence Ch. 4: India's External Relations Ch. 5: Challenges to and Restoration of the Congress System	Part A: Contemporary World Politics. Ch. 7: Globalisation Part 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
Book: Part A: Contemporary World Politics. Part B: Politics in India since Independence. Publisher : NCERT			

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Examination Syllabus Breakup

History

Mid Term	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: Kinship, Class and Caste Theme 4: Thinkers, Beliefs and Buildings Themes in Indian History-Part II Theme 5: Through the Eyes of Travellers.	Themes in Indian History-Part II Theme 6: Bhakti-Sufi Traditions Theme 7: An Imperial Capital- Vijayanagar Theme 8: Peasants, Zamindars and the State Themes in Indian History-Part III Theme 9: Colonialism and The Countryside (Till Fifth Report)	Themes in Indian History-Part III 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
Book: 1. Themes in Indian History-Part I 2. Themes in Indian History-Part II 3. Themes in Indian History - Part III Publisher: 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
Book: Entrepreneurship Publisher: NCERT			

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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
Book : Psychology Class XII Publisher: 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
Book: Physical Education Publisher: Saraswati Publications			

Legal Studies

Class XII

Examination Syllabus Breakup

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
Book: Legal Studies (Revised applicable from 2023-24) Publisher: NCERT			

Geography

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

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Examination Syllabus Breakup

Commercial Arts

Mid Term	Half Yearly Examination	Pre-Board I Examination	Pre-Board II Examination
Theory Unit-1 1. The Manuscript Painting Tradition 2. The Rajasthani Schools of Painting 3. The Mughal School of Miniature Painting.	Theory Unit- 2 4. The Deccani Schools of Painting 5. The Pahari Schools of Painting	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	Revision
Practical- Illustrations Topic- (With 3 figure) • Games and Sports • Construction on Site Poster (With calligraphy) • World Tourism A Way to Dissolve Boundaries • Cyber-crime.	Practical- Illustrations Topic- (With 3 figure) • Mother and child. • Social work Poster (With calligraphy) • Magazine cover • Say No to Drugs	Practical Illustrations Topic-(With 3 figure) • Any Indian Festival • Me and my friend Poster (With calligraphy) • Product Design and Packing	Practical- Complete Syllabus Portfolio submission (With 8 art works) and Drawing Book.
Indian folk art 1. Warli Art 2. Mahbubani Painting 3. Phada painting	Indian folk art 1. Patachitra painting 2. Tanjore painting 3. Mandana art 4. Phulkari Art	Indian folk art 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
Book : An Introduction to Indian art part II Publisher: NCERT Book: Panoramic Indian Painting Publisher: Vishal Publication			

Class XII

Examination Syllabus Breakup

Informatics Practices

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