



### Grade XII Physics Syllabus

NAME OF THE EXAMINATION	MONTH	NAME OF THE CHAPTER
UT I	April	1. Electric charges and Fields
		2. Electrostatic Potential and Capacitance
SEMESTER I	June	3. Current Electricity
	JULY	4. Moving charges and magnetism
	AUGUST	6. Electromagnetic Induction
		5. Magnetism and Matter
UT - II	SEPTEMBER	7. Alternating Current
	OCTOBER	8. Electromagnetic waves
9. Ray Optics and Optical Instruments		
10. Wave Optics		
11. Dual Nature of Radiation and Matter		
PRELIMS AND PRE BOARD EXAM	NOVEMBER	12. Atoms
	NOVEMBER	13. Nuclei
		14. Semiconductor Electronics
DECEMBER	Entire syllabus	

### Grade XII Chemistry Syllabus

NAME OF THE EXAMINATION	MONTH	NAME OF THE CHAPTER
UT I	APRIL	1. Solutions
	JUNE	2. Electrochemistry 6. Haloalkenes And Halo Arenes
SEMESTER I	JULY	3. Chemical kinetics
		7. Alcohols , Phenols And Ethers
	AUGUST	8. Aldehydes , Ketones and carboxylic Acids
		9. Amines
UT - II	SEPTEMBER	4. d & f - Block Element
	OCTOBER	5. Coordination Compounds 10. Biomolecules
	NOVEMBER	Revision
	DECEMBER	Revision

### Grade XII Biology Syllabus

NAME OF THE EXAMINATION	MONTH	NAME OF THE CHAPTER
PA 1	JUNE	1. Sexual reproduction in flowering plants
		2. Human reproduction
	JULY	3. Reproductive health
		4. Principle of inheritance & variation
HALF YEARLY	AUGUST	6. Evolution
		5. Molecular basis of Inheritance
	SEPTEMBER	7. Human health & disease
		8. Microbes in human welfare
PA 2	OCTOBER	9. Biotechnology principles & processes
		10. Biotechnology and its applications
		13. Bio diversity & conservation
	NOVEMBER	11. Organisms & population
		12. Ecosystem
	DECEMBER	Revision

### GRADE XII MATHEMATICS

NAME OF THE EXAMINATION	MONTH	NAME OF THE CHAPTER
UT I	APRIL	1. Relations and Functions
	JUNE	2. Inverse Trigonometric Functions 3. Metrics
SEMESTER I	JULY	4. Determinants
		5. Continuity and Differentiability
	AUGUST	7. Integrals 8. Applications of integrals
UT - II	SEPTEMBER	9. Differential Equations
		10. Vector Algebra 11. Three Dimensional Geometry
	OCTOBER	12. Linear Programming Problems 13. Probability
	NOVEMBER	Revision
	DECEMBER	Revision

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**GRADE XII Business Studies**

<b>NAME OF THE EXAMINATION</b>	<b>MONTH</b>	<b>NAME OF THE CHAPTER</b>
UT I	APRIL	Principles of Management
	JUNE	Busienss environment Financial Markets
SEMESTER I	JULY	Marketing Managements
		financial Managements
	AUGUST	Nature & Significance of Management
		Consumer Protection
UT - II	SEPTEMBER	Planning Organising Staffing
	OCTOBER	Controlling Directing
	NOVEMBER	Revision
	DECEMBER	Revision

**GRADE XII Accountancy**

<b>NAME OF THE EXAMINATION</b>	<b>MONTH</b>	<b>NAME OF THE CHAPTER</b>
UT I	APRIL	Accounting for share capital
	JUNE	Fundamentals of Partnership Retirement / Death of a partner
SEMESTER I	JULY	Dissolution of Partnership form
		Admission of Prtner
	AUGUST	Issue of Debentures
		Financial Statements of company
UT - II	SEPTEMBER	Analysis of Financial Statements Accounting Ratios
	OCTOBER	Cash FlowStatement
	NOVEMBER	Revision
	DECEMBER	Revision

**SUBJECT: APPLIED MATHEMATICS (AS PER ANNUAL PATTERN)**

Name of the Examination	MONTH	Name of the Chapter
<b>UT I</b>	APRIL	Numbers, Quantification and Numerical Applications
		Matrices
		Determinants
	JUNE	Numerical Inequalities
		Differentiation
<b>SEMESTER I</b>	AUGUST	Applications of Derivatives
		Time-Based Data
	SEPTEMBER	Integrals
		Differential Equations
		Probability
<b>UT II</b>	OCTOBER	Returns, Growth and Depreciations
		Inferential Statistics
		Perpetuity, Sinking Funds and EMI
	NOVEMBER	Linear Programming
	DECEMBER	<b>Revision</b>

**GRADE XII ECONOMICS**

NAME OF THE EXAMINATION	MONTH	NAME OF THE CHAPTER
UT I	APRIL	Money & Banking -ME
	JUNE	Government Budget Developmental Experience Of India- Comparison with Neighbouring Countries
SEMESTER I	JULY	Balance of Payment
		Foreign Exchange rule
		Developmental Experience Of India (1947 - 1990) Economic Reforms since 1991
	AUGUST	Unemployment- Current Challenges Facing Indian Economy
		National Income and Related Aggregates
SEPTEMBER	Determinants of Income & Employment AD & AS and Related Concept	
UT II	OCTOBER	Current Challenges facing Indian Economy
	NOVEMBER	Revision
	DECEMBER	Revision

**SUBJECT: HISTORY (AS PER ANNUAL PATTERN)**

Name of the Examination		Name of the chapter
<b>UT I</b>	<b>APRIL</b>	Bricks,Beads and Bones The Harappa Civilisation
		Kings,Farmers and Towns Early States and Economics (c.600 BCE 600 CE)
	<b>JUNE</b>	Kingship,caste and class Early Societies (c.600 BCE 600CE)
		Thinkers,Beliefs and Buildings Cultural Developments(c.600 BCE 600CE)
<b>SEMESTER I</b>	<b>JULY</b>	Through the eyes of Travellers Perceptions of Society (c.tenth to seventeenth centuries)
	<b>AUGUST</b>	Bhakti-Sufi Traditions Changes in Religious Beliefs and Development Texts(c.eighth to eighteenth centuries)
		An Imperial Capital- Vijaynagar (c.fourteenth to sixteenth centuries)
<b>SEPTEMBER</b>	Colonialism and the Countryside Exploring Official Archives	
<b>UT II</b>	<b>OCTOBER</b>	Rebels and Raj 1857 Revolt and its representations
		Mahatma Gandhi and the National Movement Civil Disobedience and beyond
	<b>NOVEMBER</b>	Framing of the Constitution The Beginning of a new Era

**SUBJECT: GEOGRAPHY (AS PER ANNUAL PATTERN)**

Name of the Examination	MONTH	Name of the chapter
<b>UNIT TEST- 1</b>	<b>APRIL</b>	(PE1) Population:Distribution, Density, Growth and Composition.
		(FHG1) Human Geography:Nature and Scope.
	<b>JUNE</b>	(PE2) The World Population:Distribution, Density and Growth
		(FHG2) Human Settlement
<b>SEMESTER I</b>	<b>JULY</b>	(PE3) Land Resource and Agriculture
		(FHG3) Human Development
		(PE4) Water Resource

	AUGUST	(FHG5) Secondary Activities (PE 5) Mineral and Energy Resources (FHG4) Primary Activities (FHG6) Tertiary and Quarternary Activities!
UNIT TEST- 2	SEPTEMBER	(PE9) Geographical Perspective on selected Issues and Problems.
	OCTOBER	(PE6) Planning and Sustainable Development in Indian Context. (PE7) Transport and Communication
		(PE8) International Trade.
	NOVEMBER	(FHG8) International Trade.
		(FHG7) Transport and Communication.
PRE-BOARD -1 and 2	DECEMBER	
	JANUARY	REVISION

**SUBJECT: POLITICAL SCIENCE (AS PER ANNUAL PATTERN)**

Name of the Examination	MONTH	Name of the chapter
UNIT TEST- 1	APRIL	(WP1) The End of Bipolarity. (PI1) Challenges of Nation Building.
		(WP2) Contemporary Centers of Power (PI2) Era of One Party Dominance.
		(WP3) Contemporary South Asia (PI3) Politics of Planned Development (PI4) India's External Relations
		(WP4) International Organizations (PI5) Challenge s to and Restoration of the Congress System.
UNIT TEST- 2	SEPTEMBER	(WP5) Security in Contemporary World. (WP6) Environment and Natural Resources
		(PI6) The Crisis of Democratic Order. (PI7) Regional Aspirations
	OCTOBER	(PI8) Recent Developments in Politics. (WP7) Globalization.
		NOVEMBER
	SEMESTER I	DECEMBER
JANUARY		REVISION

	<b>PSYCHOLOGY</b>	
<b>Name of the Examination</b>		<b>Name of the chapters</b>
<b>PERIODIC ASSESSMENT-I</b>	<b>APRIL</b>	1. Variations in psychological attributes
	<b>JUNE</b>	2. Self and personality
		Practical 1 - Raven's standard progressive matrices Case study
<b>PERIODIC ASSESSMENT-II</b>	<b>JULY</b>	3. Meeting life challenges
		Practical 2 - Maudley's personality inventory
	<b>AUGUST</b>	4. Psychological disorders
		5. Therapeutic approaches Case study
	<b>SEPTEMBER</b>	Practical 3 - Self concept questionnaire
Practical 4 - Sinha's comprehensive anxiety test		
<b>PERIODIC ASSESSMENT-III</b>	<b>OCTOBER</b>	6. Attitude and social cognition
		7. Social influence and group processes
		Practical 5 - Adjustment inventory for school students
<b>PRELIMS AND PRE BOARD EXAM</b>	<b>NOVEMBER</b>	Practicals and Case studies