

Syllabus for Class-XII SCIENCE

PHYSICS

Book	Unit	Name of Units and Chapters	Month
NCERT	Unit—I	Electrostatics	Till 25 th April
		Chapter—1: Electric Charges and Fields	
		Chapter—2: Electrostatic Potential and Capacitance	
	Unit-II	Current Electricity	Till 10 th May
	Chapter—3: Current Electricity		
	UNIT TEST I- Unit I & II		
	Unit-III	Magnetic Effects of Current and Magnetism	Till 26 th July
		Chapter—4: Moving Charges and Magnetism	
		Chapter—5: Magnetism and Matter	
	UNIT TEST- II - Unit IV & V		
	Unit-IV	Electromagnetic Induction and Alternating Currents	Till 16 th August
		Chapter—6: Electromagnetic Induction	
		Chapter—7: Alternating Current	
	Unit-V	Electromagnetic Waves	Till 23 rd August
		Chapter—8: Electromagnetic Waves	
	HALF YEARLY EXAMINATION: Unit I to V (September)		
	Unit-VI	Optics	Till 15 th November
		Chapter—9: Ray Optics and Optical Instruments	
		Chapter—10: Wave Optics	
	Unit-VII	Dual Nature of Radiation and Matter	Till 22 nd November
		Chapter—11: Dual Nature of Radiation and Matter	
	UNIT TEST- III - Unit VI & VII		
	Unit-VIII	Atoms and Nuclei	Till 6 th December
		Chapter—12: Atoms	
		Chapter—13: Nuclei	
	Unit-IX	Electronic Devices	Till 13 th December
		Chapter—14: Semiconductor Electronics: Materials, Devices and Simple Circuits	
PRE-BOARD – Unit I to IX			
Preparation for Board examination			January- february

CHEMISTRY

Book	Chapter No.	Name of Chapter	Month
NCERT	1	Solution	March - May
NCERT	2	Electrochemistry	
	3	Chemical Kinetics	
UT1: Solutions and Electrochemistry			
NCERT	4	d & f Block Elements	May - 14 July
NCERT	5	Coordination Compounds	July
UT II : Chemical Kinetics & Co-ordination Compounds			
NCERT	6	Haloalkanes and Haloarenes	Aug
NCERT	7	Alcohols and Phenols	September
Half Yearly Exam: Chapter 1 to 5 (September)			
NCERT	7	Ethers	October
NCERT	8	Aldehydes and Ketones and carboxylic Acids	November
NCERT	9	Amines	November
UT III: Aldehydes, Ketones and Carboxylic Acid.			
NCERT		Biomolecules	Till 10th Dec
REVISION			
PRE- BOARD EXAMINATION (DECEMBER)			
Preparation for Board examination			January- february

MATHEMATICS

NAME OF CHAPTER	EXAM	PERIODS	MONTH
4- Determinants*/**		18	March
3- Matrices*	UT-01** (May-III Week)	12	March
1-Relations & Functions*		18	Mar-April
2-Inverse Trigonometric Functions*		12	April
5- Continuity and Differentiability*	UT-02** (July- IV Week)	24	April-May
6- Applications of Derivatives*		21	May-June
7- Indefinite Integral	HY** (Sep- I Week)	24	July
7- Definite Integrals		18	July
8- Applications of the Integrals	UT-03** (Nov- IV Week)	12	August
9- Differential Equations		18	August
10- Vectors	(PB II Dec-IV Week)	18	September
11- Three-dimensional Geometry		18	October
12- Linear Programming		09	November
13-Probability		18	November
TOTAL		240	

*Included in HY and ** Included in Annual Exam.

BIOLOGY

S. No.	Chapter No.	Name of the chapter	Month
1.	Chapter 1	Sexual reproduction in flowering plants	MARCH
2.	Chapter 2	Human reproduction	APRIL
3.	Chapter 3	Reproductive health	
UT -I: Ch 1 & 2			
4.	Chapter 4	Principles of inheritance and variation.	MAY- JULY (3rd week)
5.	Chapter 5	Molecular basis of inheritance.	
UT II (Chapter 3 and 4)			
6.	Chapter 6	Evolution	JULY (4th week)
7.	Chapter 7	Human Health and Diseases	AUGUST
8.	Chapter 8	Microbes in Human Welfare	
9.	Chapter 9	Biotechnology- Principles and Processes	SEPTEMBER
Half Yearly Examination Ch: 1 to 6			
10.	Chapter 10	Biotechnology and its Application	OCTOBER
UT III Ch: 7 & 8			
11.	Chapter 11	Organisms and Populations	NOVEMBER
12.	Chapter 12	Ecosystem	
13.	Chapter 13	Biodiversity and its Conservation	
Revision & PREBOARD EXAMINATION			DECEMBER
Preparation for Board examination			January- february

Syllabus for Class-XII COMMERCE

ACCOUNTANCY

Term 1	Book	Number of Chapter	Name of the Chapter	Month
PT 1	Partnership	Chapter 2	Change in Profit Sharing Ratio	April
		Chapter 3	Admisstion of a Partner.	
		Chapter 4	Retirement of a partner.	
PT 2	Accounting For Companies	Chapter 1	Accounting for Share Capital	July
Half Yearly	Partnership	Chapter 1	Fundamentals of Partnership	April to August
		Chapter 2	Change in Profit Sharing Ratio	
		Chapter 3	Admisstion of a Partner	
		Chapter 4	Retirement and Death of a Partner	
		Chapter 5	Dissolution of a Partnership Firm	
	Accounting For Companies	Chapter 1	Accounting for Share Capital	
		Chapter 2	Issue of Debenture	
Half Yearly Exam				September
Term 2				
PT 3	Financial Statements	Chapter 4	Accounting Ratios	October
		Chapter 5	Cash Flow Statement	
Annual	Partnership	Chapter 1	Fundamentals of Partnership	September to November
		Chapter 2	Change in Profit Sharing Ratio	
		Chapter 3	Admisstion of a Partner	
		Chapter 4	Retirement and Death of a Partner	
		Chapter 5	Dissolution of a Partnership Firm	
	Accounting For Companies	Chapter 1	Accounting for Share Capital	
		Chapter 2	Issue of Debenture	
	Financial Statements	Chapter 1	Financial Statements of Companies	
		Chapter 2	Financial Statements Analysis	
		Chapter 3	Tools of Financial Statement Analysis	
		Chapter 4	Accounting Ratios	
		Chapter 5	Cash Flow Statement	
Pre Board Exam				December

BUSINESS STUDIES

Term 1	Number of Chapter	Name of the Chapter	Month
PT 1	Chapter 1	Nature and Significance of Management	April
	Chapter 2	Principles of Management	
	Chapter 11	Marketing Mangament	May
PT 2	Chapter 12	Consumer Protection	May
	Chapter 11	Marketing Management	

Half Yearly	Chapter 1	Nature and Significance of Management	April to August
	Chapter 2	Principles of Management	
	Chapter 12	Consumer Protection	
	Chapter 11	Marketing Management	
	Chapter 3	Business Environment	
	Chapter 4	Planning	
	Chapter 5	Organising	
	Chapter 6	Staffing	
Half Yearly Exam			September
Term 2			
PT 3	Chapter 7	Directing	September
	Chapter 8	Controlling	
Annual	Chapter 1	Nature and Significance of Management	September to November
	Chapter 2	Principles of Management	
	Chapter 3	Business Environment	
	Chapter 4	Planning	
	Chapter 5	Organising	
	Chapter 6	Staffing	
	Chapter 7	Directing	
	Chapter 8	Controlling	
	Chapter 9	Financial Management	
	Chapter 10	Financial Market	
	Chapter 11	Marketing Management	
	Chapter 12	Consumer Protection	
Pre Board exam			December

ECONOMICS

Term 1	Book	Number of Chapter	Name of the Chapter	Month
PT 1	MACRO	Chapter 1	Circular Flow of Income	April
	IED	Chapter 1	Indian Economy on the Eve of Independence	
PT2	IED & MACRO ECONOMICS	Chapter 2	Basic Concepts Of Macro Economics	July
		Chapter 3	National Income and Related Aggregates	
		Chapter 4	Measurement of National Income	
Half Yearly Exam	IED & MACRO ECONOMICS	Chapter 4	Human Capital Formation	April to August
		Chapter 1	Circular Flow of Income	
		Chapter 2	Basic Concepts Of Macro Economics	
		Chapter 3	National Income and Related Aggregates	
		Chapter 4	Measurement of National Income	
		chapter 5	Money	
		chapter 6	Banking commercial banks and the central bank	
		Half Yearly Exam		

Term 2	Book	Number of Chapter	Name of the Chapter	
PT 3	MACRO & IED	CH.5 Macro	Money	October
		ch.3 IED	Economic Reforms since 1991	
Annual	IED & MACRO ECONOMICS	Chapter 5	Rural development	September to November
		Chapter 6	Employment: Growth, In formalisation and other issues	
		Chapter7	Environment and sustainable Development	
		Chapter 8	Comparative Development Experiences of India and its Neighbour	
		Chapter 7	Aggregate Demand and Related Concepts	
		Chapter 8	Income Determination and Multiplier	
		Chapter 9	Excess Demand and Deficient Demand	
		chapter 10	Government Budget and the Economy	
		chapter 11	Foreign Exchange Rate	
		chapter 12	Balance of Payments	
Pre Board Exam				December

Syllabus for Class-XII- HUMANITIES

Geography

Exam	Name of the Chapter	Month	Exam Month
UT-1	Ch.-1: Population : Distribution ,Density,Growth and Composition	APRIL	MAY
	Ch-2: Human settlement	APRIL	
UT-2	Ch.-1: Human Geography: Nature and Scope	APRIL	JULY
	Ch. 2: The World Population ,Density,Growth and composition	APRIL	
	Ch-3: Human Development	MAY	
HY EXAM	Ch. -5: Primary Activities	MAY	SEP
	Ch. -6: Secondary Activities	MAY	
	Ch-7: Tertiary and Quaternary Activities	JUNE	
	Ch.-8: Transport and communication	JULY	
	Ch.-1: Population : Distribution ,Density,Growth and Composition		
	Ch-2: Human settlement		
	Ch.-1: Human Geography: Nature and Scope		
	Ch. 2: The World Population ,Density,Growth and composition		
	Ch-3: Human Development		
UT-3	Ch-5: Land resource and Agriculture	AUG	NOV
	Ch-6: Water Resource	AUG	
PRE BOARD EXAM-1	Ch-9: Planning and Sustainable development in Indian Context.	OCT	DEC
	Ch-10: Transpotr and communication	OCT	
	Ch-11: International Trade	NOV	
	Ch-12: Geographical Perspective on selected Issues and Problems	NOV	
	ALLTHE CHAPTERS WILL ALSO INCLUDED IN PRE BOARD EXAM		
	PRACTICAL AND REVISION		

History

Exam	Book	Number of Chapter	Name of the Chapter	Month	Exam Month
UT-1	Themes in Indian History Part-I	Chapter 1	Bricks, Beads and Bones	March	MAY
UT-2	Themes in Indian History Part-I	Chapter 2	Kings, Farmers and Towns	July	
	Themes in Indian History Part-I	Chapter 3	Kinship, Caste and Class		
Half Yearly	Themes in Indian History Part-I	Chapter 4	Thinkers, Beliefs and Buildings	March to August	JULY
	Themes in Indian History Part-II	Chapter 5	Through the Eyes of Travellers		
		Chapter 6	Bhakti-Sufi Traditions		
		Chapter 7	An Imperial Capital: Vijayanagara		
		Chapter 8	Peasants, Zamindars and the State		SEP

UT-3	Themes in Indian History Part-III	Chapter 10	Colonialism and the Countryside	November	
Pre Board-I Exam	Themes in Indian History Part-I	Chapter 1	Bricks, Beads and Bones	September to November	
		Chapter 2	Kings, Farmers and Towns		
		Chapter 3	Kinship, Caste and Class		
		Chapter 4	Thinkers, Beliefs and Buildings		NOV
	Themes in Indian History Part-II	Chapter 5	Through the Eyes of Travellers		
		Chapter 6	Bhakti-Sufi Traditions		
		Chapter 7	An Imperial Capital: Vijayanagara		
		Chapter 8	Peasants, Zamindars and the State		
	Themes in Indian History Part-III	Chapter 10	Colonialism and the Countryside	September to November	DEC
		Chapter 11	Rebels and the Raj		
		Chapter 13	Mahatma Gandhi and the Nationalist Movement		
		Chapter 15	Framing the Constitution		

POLITICAL SCIENCE

Exam	Book	Number of Chapter	Name of the Chapter	Month	Exam
UT 1	Politics In India	CH- 1	Challenges of Nation Building	April	MAY
		CH- 2	Era of One Party Dominance	April	
UT 2	Politics In India	CH- 3	Politics of Planned Development	April	JULY
	World Politics	CH- 1	The End of Bipolarity	May	
Half Yearly	Politics In India	CH- 1	Challenges of Nation Building		SEP
		CH- 2	Era of One Party Dominance		
	Politics In India	CH- 3	Politics of Planned Development		
	World Politics	CH- 1	The End of Bipolarity		
	World Politics	CH- 2	Contemporary Centres of Power	May	
	Politics In India	CH- 4	India's External Relations	July	
	World Politics	CH- 3	Contemporary south Asia	July	
	Politics In India	CH- 5	Challenges to and Restoration of the Congress System	August	
UT 3	Politics In India	CH- 6	Crisis of Democratic Order	August	NOV
	World Politics	CH- 4	International Organisations	August	
	World Politics	CH-5	Security in Contemporary World	September	
	Politics In India	CH- 7	Regional organisations	October	
PRE BOARD EXAM-1	World Politics	CH- 6	Environment and Natural Resources	October	DEC
	World Politics	CH- 7	Globalisations	November	
	Politics In India	CH- 8	Recent development in Indian Politics	November	
	ALL THE CHAPTERS WILL BE INCLUDED IN THE PRE BOARD EXAMINATION.				
	PRACTICAL AND REVISION				