

Syllabus for Class-XI SCIENCE

PHYSICS

S.No.	Chapter	Unit & Chapters	Month
	UNIT -I	Physical World and Measurement	
1	Chapter 1	Units and Measurements	till 19 th April
	UNIT II	Kinematics	
2	Chapter—3:	Motion in a Straight Line	till 3 rd May
3	Chapter—4:	Motion in a Plane	till 10 th May
CT- 1 st - Unit I			
	Unit-III	Laws of Motion	
4	Chapter—4:	Laws of Motion	till 24 th May
	Unit-IV	Work, Energy and Power	
5	Chapter—5:	Work, Energy and Power	till 12 th July
	Unit—V	Motion of System of Particles and Rigid Body	
6	Chapter—6:	System of Particles and Rotational Motion	till 26 th July
Unit Test I - Unit IV & V			
	Unit-VI	Gravitation	
7	Chapter—7:	Gravitation	till 16 th August
	Unit-VII	Properties of Bulk Matter	
8	Chapter—8:	Mechanical Properties of Solids	till 31 st August
REVISION (Sept)			
HALF YEARLY EXAMINATIONS Unit I To VI (September)			
	Unit-VII	Properties of Bulk Matter	
9	Chapter—9:	Mechanical Properties of Fluids	till 14th oct
10	Chapter—10:	Thermal Properties of Matter	
	Unit-VIII	Thermodynamics	
11	Chapter—11:	Thermodynamics	till 15th Nov
	Unit - IX	Behaviour of Perfect Gases and Kinetic Theory of Gases	
12	Chapter—12:	Kinetic Theory	till 23 nov
Unit Test II - Unit VIII & IX			
	Unit - X	Oscillations and Waves	
13	Chapter—13:	Oscillations	till 27th Dec
14	Chapter—14:	Waves	
Unit Test III - Unit X			
REVISION- Till 31 st January			
ANNUAL EXAMINATION – (Unit I to X)			

CHEMISTRY			
Book	Chapter No.	Name of Chapter	Month
NCERT	1	Basic concepts of Chemistry	April
NCERT	2	Structure of Atom	April - May
CT: Chapter 1- Basic Concepts of Chemistry			
NCERT	3	Classification of Elements and Periodicity in properties	26th June to 10th July
NCERT	4	Chemical Bonding and Molecular Structure	11th July to 25th July
UT I (July) : Chapter 2- Structure of Atom			
NCERT	5	Chemical Thermodynamics	26th Jul to 14th Aug
NCERT	6	Equilibrium	16th Aug to 6th Sep
NCERT	7	Redox Reaction	22nd Sept to 30 Sep
Half Yearly Exam (September): Chapter 1 to 5			
NCERT	8	Organic Chemistry: Some basic Principles and Techniques (till GOC)	1st Oct to 15th Oct
NCERT	8	Organic Chemistry: Some basic Principles and Techniques (Principles and Techniques for Qualitative and Quantitative analysis of organic compounds))	8th Nov to 30th Nov.
UT II: Chapter 6-Equilibrium			
NCERT	9	Hydrocarbons	December
UT III: Chapter 8 (till GOC)			
REVISION			January
ANNUAL EXAMINATION (Chapter 1 to 9) February			

Mathematics (Code No. 041)

CH. NO.	NAME OF CHAPTER	PERIODS	EXAM	MONTH
1	Sets	18	UT -1 (JULY IV WEEK)	April
5	Linear Inequalities	12		April
2	## Relations & Functions	18	HY (Add Syl UT -1) (SEP I WEEK)	May
3	Trigonometric Functions	24		May-June
4	Complex Numbers and Quadratic Equations	12		July
8	Sequence and Series	18		July
9	Straight Lines	21		Aug
10	Conic Sections: Circle, Parabola, Ellipse & Hyperbola	21	UT-2 (NOV IV WEEK)	Aug-Sep
11	Introduction of 3D	09		Oct
6	Permutations and Combinations	18	UT -03 (DEC IV WEEK)	Nov
7	Binomial Theorem	12		Nov-Dec
12	##Limit, Continuity & Derivability	18	AN (Full Syl) (FEB I WEEK)	Dec
13	##Statistics	11		Jan
	TOTAL	215		

NOTE- ## Not added for PCA Students

BIOLOGY

S.No.	Book	Chapter No.	Name of the chapter	Month
1	NCERT	Chapter 1	The Living World	MARCH
2		Chapter 2	Biological Classification	APRIL
3		Chapter 3	Plant Kingdom	
4		Chapter 4	Animal Kingdom	May
CT -I: Ch 1 & 2 (May)				
5	NCERT	Chapter 8	Cell: The unit of life	MAY
6		Chapter 9	Biomolecules	JULY (1st week)
7		Chapter 10	Cell cycle and cell division	
UT I (Chapter 3 and 4)				
8	NCERT	Chapter 14	Breathing and exchange of gases	JULY
9		Chapter 15	Body fluids and circulation	
10		Chapter 16	Excretory Products and their elimination	August
11		Chapter 17	Locomotion and Movement	
12		Chapter 18	Neural control and coordination	September- October
13		Chapter 19	Chemical coordination and integration	
Half Yearly Examination September (Ch: 1 to 4, 8 to 10, 14 & 15)				
14	NCERT	Chapter 7	Structural organisation in animals	November
14		Chapter 5	Morphology of flowering plants	
15		Chapter 6	Anatomy of flowering plants	
UT II (Chapter 16 and 17)				
15	NCERT	Chapter 11	Photosynthesis in higher plants	December
16		Chapter 12	Respiration in higher Plants	
UT III (Chapter 7,5 and 6)				
17	NCERT	Chapter 13	Plant growth and development	January (1st week)
REVISION				
ANNUAL EXAMINATION -February (Chapter 1 to 19)				

Syllabus for Class-XI COMMERCE

ACCOUNTANCY

Term 1	Number of Chapter	Name of the Chapter	Month
PT 1	Chapter 6	Accounting Equation	May
	Chapter 9	Journal	
PT 2	Chapter 11	Cash Book	July
	Chapter 10	GST	
Half Yearly	Chapter 1	Meaning, Objective , Scope of Accounting	April to August
	Chapter 2	Basic Accounting Terms	
	Chapter 3	Accounting Principles	
	Chapter 4	Process and Base of Accounting	
	Chapter 5	Accounting Standards	
	Chapter 6	Accounting Equation	
	Chapter 7	Double Entry System	
	Chapter 8	Source of Documents of Accountancy	
	Chapter 9	Journal	
	Chapter 10	GST	
	Chapter 11	Cash Book	
	Chapter 12	Special Purpose Subsidiary Book	
	Chapter 13	Ledger	
	Chapter 14	Trial Balance and Errors	
Half Yearly Exam			September
Term 2			
PT 3	Chapter 15	Bank Reconciliation Statement	October And Nov.
	Chapter 16	Depreciation	
Annual	Chapter 1	Meaning, Objective , Scope of Accounting	October to January
	Chapter 2	Basic Accounting Terms	
	Chapter 3	Accounting Principles	
	Chapter 4	Process and Base of Accounting	
	Chapter 5	Accounting Standards	
	Chapter 6	Accounting Equation	
	Chapter 7	Double Entry System	
	Chapter 8	Source of Documents of Accountancy	
	Chapter 9	Journal	
	Chapter 10	GST	
	Chapter 11	Cash Book	
	Chapter 12	Special Purpose Subsidiary Book	
	Chapter 13	Ledger	
	Chapter 14	Trial Balance and Errors	
	Chapter 15	Bank Reconciliation Statement	
	Chapter 16	Depreciation	
	Chapter 17	Provisions and Reserves	
	Chapter 18	Rectifications of Errors	
	Chapter 19	Capital and Revenue	
	Chapter 20	Financial Statements	

	Chapter 21	Financial Statements with Adjustments	
	Chapter 22	Accounts for Incomplete Records	
Annual Exam			February

BUSINESS STUDIES

Term 1	Number of Chapter	Name of the Chapter	Month
PT 1	Chapter 1	Evolution and Fundamental of Business	April
	Chapter 2	Forms of Business Organisations	
PT 2	Chapter 3	Private Public and Globle Enterprises	May and July
	Chapter 4	Business Services	
Half Yearly	Chapter 1	Evolution and Fundamental of Business	April to August
	Chapter 2	Forms of Business Organisations	
	Chapter 3	Private Public and Globle Enterprises	
	Chapter 4	Business Services	
	Chapter 5	Emerging Modes of Business	
Half Yearly Exam			September
Term 2			
PT 3	Chapter 6	Social Responsibility and Business Ethics	October
	Chapter 7	Sources of Business Finance	
Annual	Chapter 1	Evolution and Fundamental of Business	October to January
	Chapter 2	Forms of Business Organisations	
	Chapter 3	Private Public and Globle Enterprises	
	Chapter 4	Business Services	
	Chapter 5	Emerging Modes of Business	
	Chapter 6	Social Responsibility and Business Ethics	
	Chapter 7	Sources of Business Finance	
	Chapter 8	Small Business and Enterprises	
	Chapter 9	Internal Trade	
	Chapter 10	International Business	
Annual Exam			February

ECONOMICS

Term 1	Book	Number of Chapter	Name of the Chapter	Month
PT 1	Micro Economics	Chapter 3	Demand	May
		Chapter 1	Introduction of Statistics	
PT2	Micro Economics & Statistics	Chapter 6	Cost	July
		Chapter 5	Measures of Central Tendency	
Half Yearly Exam	Micro Economics & Statistics	Chapter 3	Demand	April to August
		Chapter 4	Elasticity of Demand	
		Chapter 5	Production Function	
		Chapter 6	Cost	
		Chapter 1	Introduction of Statistics	
		Chapter 2	Collection of Data	
		Chapter 3	Organisation of Data	
		Chapter 5	Measures of Central Tendency	

Half Yearly Exam				September
Term 2				
PT3	Micro Economics and Statistic	Ch.9 Micro & ch.4 Statistic	Supply, Presentation of Data	October & November
ANNUAL	Micro Economics & Statistics	Chapter 1	Introduction of Micro Economics	October to January
		Chapter 2	Consumer's Equilibrium	
		Chapter 3	Demand	
		Chapter 4	Elasticity of Demand	
		Chapter 5	Production Function	
		Chapter 6	Cost	
		Chapter 7	Revenue	
		Chapter 8	Producer's Equilibrium	
		Chapter 9	Supply	
		Chapter 10	Main Market Forms	
		Chapter 11	Price Determination and simple Applications	
		Chapter 1	Introduction of Statistics	
		Chapter 2	Collection of Data	
		Chapter 3	Organisation of Data	
		Chapter 4	Presentation of Data	
		Chapter 5	Measures of Central Tendency	
		Chapter 6	Correlation	
		Chapter 7	Index Number	
		Chapter 8	Use of Statistical Tools	
		ANNUAL EXAM		

Syllabus for Class-XI- HUMANITIES

Geography

Exam	Name of the Chapter	Month	Remarks	Exam Month
UT-1	Ch.-1: Geography as a discipline	April	CT (MAY)	JULY
	Ch. -2: The origin and Evolution of the Earth	April	CT(MAY)	
HY EXAM	Ch. -1: Geography as a discipline			SEP
	Ch. -2: The origin and Evolution of the Earth			
	Ch.- 3: The Interior of the Earth	MAY		
	Ch.-4: Distribution of Ocean and continents	MAY		
	Ch.- 5: Geomorphic process	MAY		
	Ch.-1: India : Location ,space relations, India's place in the World.	JUNE		
	Ch-2: Structure and physiography	JULY		
	Ch-3: Drainage	JULY		
	Ch.-7: Composition and Structure of atmosphere	AUG		
	Ch-5: Natural Vegetation	AUG		
UT-2	Ch-6: Geomorphic Process	OCT		NOV
	Ch-9: Solar Radiation, Heat Balance and Temperature	OCT		
UT-3	Ch-11: Water in the atmosphere	NOV		JAN
	Ch-10: Atmospheric Circulation and weather system	NOV		
ANNUAL EXAM	Ch-6: Geomorphic Process			FEB
	Ch-7: Landforms and Their Evolution	NOV		
	Ch-8: Composition and Structure of the Atmosphere			
	Ch-9: Solar Radiation, Heat Balance and Temperature			
	Ch-10: Atmospheric Circulation and weather system			
	Ch-11: Water in the atmosphere			
	Ch-13: Water	NOV		
	Ch-14: Movements of ocean waters	DEC		
	Ch-16: Biodiversity and conservation	DEC		
	Ch-4: Climate	JAN		
	Ch-5: Natural Vegetation			
	PRACTICAL AND REVISION	JAN-FEB		

History

Exam	Book	Number of Chapter	Name of the Chapter	Month	Exam
UT-1	Themes in World History	Chapter 1	Writing and City Life	April	July
Half Yearly	Themes in World History	Chapter 1	Writing and City Life		September
		Chapter 2	An Empire Across Three Continents	July	
		Chapter 3	Nomadic Empires	August	
UT-2	Themes in World History	Chapter 4	The Three Orders	September	November

	Themes in World History	Chapter 5	Changing Cultural Traditions	October	
UT-3	Themes in World History	Chapter 2	An Empire Across Three Continents		January
	Themes in World History	Chapter 6	Displacing Indigenous People	November	
Annual Exam	Themes in World History	Chapter 1	Writing and City Life		February
		Chapter 2	An Empire Across Three Continents		
		Chapter 3	Nomadic Empires		
		Chapter 4	The Three Orders		
		Chapter 5	Changing Cultural Traditions		
		Chapter 6	Displacing Indigenous People		
		Chapter 7	Paths to Modernisation	January	

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	
	POLITICS IN INDIA	CH- 6	Crisis of Democratic Order	August	
UT 3	WORLD POLITICS	CH- 4	International Organisations	August	NOV

	WORLD POLITICS	CH-5	Security in Contemporary World	September	
PRE BOARD EXAM- 1	POLITICS IN INDIA	CH- 7	Regional organisations	October	DEC
	WORLD POLITICS	CH- 6	Environment and Natural Resources	October	
	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				