

SUBJECTS WITH RATIONALISED SYLLABUS

POLITICAL SCIENCE CLASS XI

Unit-Wise weightage

Part – A: External **Time: 3 hrs** **Marks: 80**

Unit/Chapter	Marks
Section-A: POLITICAL THEORY	
Unit I 1. Introduction to Political Theory	6
Unit II 2. Nation and State	11
	3. Citizenship
Unit III 4. Liberty	12
	5. Equality
	6. Justice
Unit IV. 7. Rights	11
	8. Secularism
	9. Peace and Development (Deleted)
Section-B: INDIAN CONSTITUTION AT WORK	
Unit V. 10. Making of the Constitution	13
	11. Fundamental Rights, Duties and Directive Principles of State Policy
	12. System of Representation
Unit VI. 13. Executive in a Parliamentary System	11
	14. Legislature at the Central and State Level
Unit VII. 15. Judiciary	8
	16. Federalism
Unit VIII 17. Local Government	8
	18. Constitution as a Living Document

Reduced/Deleted Contents

Sl No	Unit	Chapter	Topic	Page (Textbook)
SECTION – A: POLITICAL THEORY				
1	IV	9	Peace and Development (Whole Chapter)	83 - 95
SECTION - B: INDIAN CONSTITUTION AT WORK				
2	V	11	<ul style="list-style-type: none"> • Meaning and Significance of Rights • Fundamental Rights in the Indian Constitution 	110-122
3	VI	13	<ul style="list-style-type: none"> • Powers and Functions of the Governor • The Chief Minister 	167-172
4	VI	14	<ul style="list-style-type: none"> • Anti Defection Act • The State Legislature • Powers of the State Legislature 	191 - 195

**POLITICAL SCIENCE
CLASS-XII**

Unit-Wise weightage

Part – A: External

Time: 3 hrs

Marks: 80

Units / Chapters

Marks

SECTION A: Indian Polity

UNIT – I	1.	Challenges of Nation Building	6
UNIT – II	2.	Party System	9
	3.	Era of One Party Dominance	
UNIT – III	4.	Politics of Planned Development	9
	5.	Crisis of Constitutional Order	
UNIT – IV	6.	Interest and Pressure Groups	10
	7.	Recent Development in Indian Politics	
UNIT – V	8.	India's External Relation	6

SECTION B: Contemporary World Politics

UNIT – VI	9.	Cold War (Deleted)	7
	10.	End of Bi-polarity	
UNIT – VII	11.	US Dominance in World Politics (Deleted)	
UNIT – VIII	12.	Alternative Center of Economic and Political Power	13
	13.	South Asia in the Post Cold War Era	
UNIT – IX	14.	International Organization in a Unipolar World	13
	15.	Security in Contemporary World	
UNIT – X	16.	Globalisation	7

Reduced/Deleted Contents

SI No	Unit	Chapter	Topic	Page (Textbook)
SECTION – A: INDIAN POLITY				
1	II	2	Role of Opposition in India	42 - 44
2	II	3	<ul style="list-style-type: none"> • We Opted for Parliamentary Democracy • At the State Level, Some Parties Have become quite Important 	47 - 48 54
3	III	4	Politics of Planned Development (Models of Development, The Idea of Planning: Its History, The Planning Commission, The Five Years Plan)	58 - 64
4	III	5	<ul style="list-style-type: none"> • The Crisis of Constitutional Order (The Bihar & Gujarat Movements) 	82 - 83
			<ul style="list-style-type: none"> • A Few Other Happenings and Government's Misdeeds During the Emergency • Allegations of Excesses of Ruthless Action: Shah Commission • Politics After Emergency • Lok Sabha Elections, 1977 	88 - 93
5	IV	6	Pressure Groups in India	102 - 104
6	IV	7	<ul style="list-style-type: none"> • Factors Responsible for Parliamentary Upsurge in the Early 1990's 	113 - 115
			<ul style="list-style-type: none"> • Coalition Politics from 1990 Till Date: Era of Coalitions 	116 - 121
			<ul style="list-style-type: none"> • An Evaluation of Coalition Politics in India 	121 - 123
			<ul style="list-style-type: none"> • Growing Consensus About Few A Issues 	123 - 124
SECTION – A: Contemporary World Politics				
7	VI	9	Cold War (Whole Chapter)	143 - 153
8	VII	11	US Dominance in World Politics (Whole Chapter)	163 - 176

HISTORY
CLASS – XI

Unit- wise weightage

Part – A: External	Time: 3 hrs	Marks: 80
SECTION-A: EARLY SOCIETIES		10 marks
1.	Introduction	
2.	Early Cities	
SECTION-B: EMPIRES		20 marks
3.	Introduction	
4.	An Empire across Three Continents	
5.	Nomadic Empires	
SECTION-C: CHANGING TRADITIONS		20 marks
6.	Introduction	
7.	Three Orders	
8.	Changing Cultural Traditions	
SECTION-D: PATHS TO MODERNISATION		24 marks
9.	Introduction	
10.	Displacing Indigenous People	
11.	Paths to Modernization	
12.	Map Work on Units 1-11	6 marks

Reduced/Deleted Contents

Unit II	From the Beginning of Time
Unit VI	Central Islamic Lands (Focus: 7 th to 12 th Century)
Unit XI	Confrontation of Cultures (Focus on America. 15 th to 18 th Century)
Unit XIII	The Industrial revolution (Focus on England 18 th & 19 th Century)

HISTORY
CLASS – XII

Unit- wise weightage

Part – A: External	Time: 3 hrs	Marks: 80
Unit		Marks
PART-I: THEMES IN INDIAN HISTORY		25 marks
1.	The Stories of the First Cities: Harappan Archaeology	
2.	Political and Economic History: How Inscriptions Tell Stories	
3.	Social Histories: Using The Mahabharata	
4.	A History of Buddhism: Sanchi Stupa	
PART-II: THEMES IN INDIAN HISTORY		25 marks
5.	Agrarian Relations: The Ain-i-Akbari	
6.	New Architecture: Hampi	
7.	Religious Histories: The Bhakti-Sufi Tradition	
8.	Medieval Society through Traveler's Accounts	
PART-III: THEMES IN INDIAN HISTORY		24 marks
9.	Colonialisms and Rural Society: Evidence from official reports	
10.	Representations of 1857	
11.	Mahatma Gandhi through Contemporary Eyes	
12.	The Making of the Constitution	
13.	Map Work on Units 1-12	6 marks

Reduced/Deleted Contents

Unit VI	The Mughal Court: Reconstructing Histories through Chronicles
Unit XII	Colonialism and Indian Towns: Town plans and Municipal Reports
Unit XIV	Partition Through Oral Resource

**SOCIOLOGY
CLASS XI**

Unit-Wise weightage

Part – A: External

Time: 3 hrs

Marks: 80

Unit	Marks
Section A: INTRODUCING SOCIOLOGY	
I. Sociology as a Discipline	8
II. Basic Concepts	8
III. Social Institutions	14
IV. Culture and Socialization	6
V. Social Processes	6
VI. Methods and Techniques of Social research.	8
Section B: UNDERSTANDING SOCIETY	
VII. Social Structure and function	8
VIII. Social Stratification and Mobility	8
IX. Environment and Society	6
X. Western Social Thinkers	8

Reduced/Deleted Contents

Unit –VIII Social Stratification and Mobility

Page 102 Social Mobility in the Caste System

Unit – X Western Social Thinkers

Page 117 Last two paragraphs (*Weber defendstraditional action*)

**SOCIOLOGY
CLASS XII**

Unit-Wise weightage

Part – A: External

Time: 3 hrs

Marks: 80

Unit	Marks
SECTION A: STRUCTURE OF INDIAN SOCIETY.	
I. Challenges of unity in diversity.	8
II. Structure of Society.	8
III. Institutional Structure.	8
IV. Social inequality.	8
V. Society in Nagaland.	8
SECTION B: SOCIAL CHANGE IN INDIA.	
VI. Processes of social change in India.	10
VII. State, Economic development & Social change.	10
VIII. Education, Media and Social change.	8
IX. Social Movement.	4
X. Indian Sociologist.	8

Reduced/Deleted Contents

Unit VII State Economic Development & Social Change

Page 96 Aims and Programs (points 1 to 5)

Unit VIII Education, Media and Social Change.

Page 114-115 Globalisation and Local culture

**ECONOMICS
CLASS XI**

Unit-wise weightage

Part – A: External **Time: 3 Hrs.** **Marks: 80**

	Units	Marks
PART I: MICRO ECONOMICS		
1.	Introduction	6
2.	Demand, Supply & Market Mechanism	14
3.	Elasticity (Demand and Supply)	9
4.	Behavior of Consumers & Producers.	7
5.	Form of Market & Price Determination	8
PART II: STATISTICS FOR ECONOMICS		
1.	Introduction	4
2.	Collection, Presentation and Organisation of Data	10
3.	Statistical Averages and Dispersion	12
4.	Correlation, Index Numbers and Time series	10

Reduced/Deleted Contents

Part – I

Sl. No.	Unit	Topics with Changes	Remark
1	Unit 1	Economic system – Basic Features	To be deleted/removed
2	Unit 3	Income Elasticity of Demand	To be deleted/removed
		Cross Elasticity of Demand	To be deleted/removed
		Geometric Method for calculating Price Elasticity of Demand	To be deleted/removed
		Geometric Method for calculating Price Elasticity of Supply	To be deleted/removed

Part – II

Sl. No.	Unit	Topics with Changes	Remark
1	Unit 3	Dispersion – Measures of Dispersion (range, quartile deviation, mean deviation, standard deviation) and co-efficient of variation	To be deleted/removed

**ECONOMICS
CLASS XII**

Unit-wise weightage

Part – A: External **Time: 3 Hrs.** **Marks: 80**

	Units	Marks
PART I: Macro Economics		
1.	Introduction	5
2.	National Income and related Aggregates: Basic concepts and Measurements	14
3.	Theory of Income and Employment	12
4.	Money and Banking	6
5.	Monetary Policy, Fiscal Policy and Government Budget	7
PART II: Indian Economic Development		
1.	Introduction	5
2.	Structural Changes in the Indian Economy After liberalization	7
3.	Current challenges Facing Indian Economy	10
4.	Planning and Economic Development in India	6
5.	Economic Growth and Development	8

Reduced/Deleted Contents

Part – II

Sl. No.	Unit	Topics with Changes	Remark
1	Unit 1	Parameters of Development – Per capita Income, Human Development in India	To be deleted/removed
2	Unit 3	Poverty – absolute and relative; Main programmes for poverty alleviation: A critical assessment	To be deleted/removed

PSYCHOLOGY
CLASS-XI

Unit-Wise weightage

Part- A: External		Time: 3 hrs	Marks: 80
Units			Marks
I.	What is Psychology?	10	
II.	Methods of Enquiry in Psychology		10
III.	Human Development	10	
IV.	Sensory, Attentional and Perceptual Processes	8	
V.	Learning		12
VI.	Human Memory		10
VII.	Thinking		10
VIII.	Motivation and Emotion		10

Reduced/Deleted Contents

Chapter	Page No	Dropped Topics/Chapters
Chapter 1: What is Psychology?	13–15 18–19	Themes of Research and Applications Psychologists at Work
Chapter 3: The Bases of Human Behaviour	43–63	Full Chapter
Chapter 5: Sensory, Attentional and Perceptual Processes	87–93	Sense Modalities (Auditory and Visual Sensation)
Chapter 6: Learning	120–121 122–123 125–126 127–128	Concept Learning Transfer of Learning The Learner: Learning Styles Applications of Learning Principles
Chapter 7: Human Memory	139–142	Knowledge Representation and Organisation in Memory Memory as a Constructive Process
Chapter 8: Thinking	161-162	Reduction in Strategies for Creative Thinking
Chapter 9: Motivation and Emotion	172–173 175–176 181–182	Reduction in Biological Motives Reduction in Maslow’s Hierarchy of Needs (Frustration and Conflict Reduction in Expression of Emotions)

PSYCHOLOGY
CLASS-XII

Unit-Wise weightage

Part- A: External		Time: 3 hrs	Marks: 80
Units			Marks
I.	Variations in psychological attributes	12	
II.	Self and Personality	14	
III.	Meeting life challenges		12
IV.	Psychological Disorders		12
V.	Therapeutic Approaches		10
VI.	Attitudes and Social Cognition	10	
VII.	Social Influence and Group Processes	10	

Reduced/Deleted Contents

Chapter	Page No	Dropped Topics/Chapters
Chapter 5: Therapeutic Approaches	94–96 101–102	Psychodynamic Therapy Biomedical Therapy
Chapter 6: Attitude and Social Cognition	119–125	Social Cognition Schemas and Stereotypes Impression Formation and Explaining Behaviour of Others through Attributions Behaviour in the Presence of Others Pro-social Behaviour
Chapter 7: Social Influence and Group Processes	138–149	Conformity, Obedience and Compliance Cooperation and Competition Social Identity Inter-group Conflicts Conflict Resolution Strategies
Chapter 8: Psychology and Life	152–176	Full Chapter
Chapter 9: Developing Psychological Skills	177–195	Full Chapter

GEOGRAPHY
CLASS XI

Unit-wise weightage

Part – A: External

Time: 3 hours

Marks: 70

Unit	Marks
SECTION A: FUNDAMENTALS OF PHYSICAL GEOGRAPHY	35
I. Geography as a discipline	3
II. The Earth	5
III. Landforms	8
IV. Climate	10
V. The Oceans	4
VI. Life on the Earth	3
VII. Map Work	2
SECTION B: INDIA – PHYSICAL ENVIRONMENT	35
VIII. Introduction	5
IX. Physiography	10
X. Climate, Vegetation and Soil	10
XI. Natural Hazards and Disasters	7
XII. Map Work	3
Total	70
Part – B: Internal – PRACTICAL	30
1. Fundamentals of Cartography	12
2. Topography and Weather Maps	10
3. Practical Record Book	5
4. Viva Voce	3
Total	30
Grand Total	100

Reduced/Deleted Contents

PART-A

SECTION A: FUNDAMENTAL OF PHYSICAL GEOGRAPHY

Name of the Unit/Chapter	Dropped topics/Chapters
Chapter 1: Geography as a Discipline	Physical Geography and Natural Sciences, Geography and Social Sciences
Chapter 2: The Origin and Evolution of the Earth	Our Solar System, The Moon, Table 2.1 and 2.2
Chapter 6: Minerals and Rocks	Full chapter
Chapter 17: Life on the Earth	Full chapter

SECTION B: INDIA – PHYSICAL ENVIRONMENT

Chapter 2: Structure and Physiography	Subdivisions of the North and Northeastern mountains; Geomorphological divisions of the Himalayas
Chapter 3: Drainage System	Table of comparison between Himalayan and Peninsular River System
Chapter 4: Climate	Factors determining the Climate of India(factors related to location and relief); Mechanism of Indian weather in Winter and Summer Seasons; Rain-bearing System and Rainfall Distribution; Chief characteristics of Monsoonal Rainfall; Variability of Annual Rainfall and Climatic Regions of India
Chapter 5: Natural Vegetation	Forest cover in India, under table5.1: List of Biosphere Reserves; Nilgiri, Nanda Devi, Sundarbans and Gulf of Mannar
Chapter 6: Soils	Full chapter
Chapter 7: Natural Hazards and Disasters	Table 7.1, 7.2 and Structure of Tropical Cyclone

PART-B: PRACTICAL GEOGRAPHY

Name of the Unit/Chapter	Dropped topics/Chapters
Chapter 7: Introduction to Aerial Photographs	Full chapter
Chapter 9: Weather Instruments, Maps and Charts	Full chapter

**GEOGRAPHY
CLASS XII**

Unit-wise weightage

Part – A: External

Time: 3 hours

Marks: 70

Unit	Marks
SECTION A: FUNDAMENTALS OF HUMAN GEOGRAPHY	35
I. Human Geography	3
II. People	5
III. Human Activities	12
IV. Transport, Communication and Trade	13
VI. Map Work	2
SECTION B: INDIA – PEOPLE AND ECONOMY	35
VII. People	5
VIII. Human Settlements	4
IX. Resource and Development	12
X. Transport, Communication and International Trade	7
XI. Geographical Perspective on selected issues and problems	4
XII. Map Work	3
Total	70
PART – B: Internal – PRACTICAL	
1. Processing of Data and Thematic Mapping	18
2. Practical record book	7
3. Viva Voce	5
Total	30
Grand Total	100

Reduced/Deleted Contents

PART-A

SECTION A: FUNDAMENTALS OF HUMAN GEOGRAPHY

Name of the Unit/Chapter	Dropped topics/Chapters
Chapter 1: Human Geography Nature and Scope	Human Geography through the Corridors of Time
Chapter 2: The World Population Distribution, Density and Growth	Table 2.1, 2.2, 2.3, Trends in Population Growth, Doubling Time of World Population, Spatial Pattern of Population Change
Chapter 3: Population Composition	Full Chapter
Chapter 6: Secondary Activities	Traditional Large Scale Industrial Regions, The Ruhr Coal Field, Iron and Steel Industry, Cotton Textile Industry
Chapter 7: Tertiary and Quaternary Activities	Factors affecting Tourism, Collage and Activity on Medical Tourism
Chapter 9: International Trade	Important Aspects of International Trade, Regional Trade Blocs
Chapter 10: Human Settlements	Full chapter

SECTION B: INDIA – PEOPLE AND ECONOMY

Chapter 2: Human Development	Full chapter
Chapter 3: Human Settlements	Classification of Towns on the Basis of Population Size
Chapter 8: Manufacturing Industries	Full chapter

PART B: PRACTICAL

Name of the Unit/Chapter	Dropped topics/Chapters
Chapter 2: Data processing	Measures of Dispersion, Rank Correlation along with all Related Figures
Chapter 4: Use of Computer in Data Processing and Mapping	Full chapter
Chapter 5: Field Survey	Full chapter

MATHEMATICS
CLASS – XI

Unit-Wise weightage

Part- A: External

Time: 3 hrs

Marks: 80

Units	Marks
Sets and Functions	23
Algebra	27
Coordinate Geometry	12
Calculus	06
Statistics and Probability	12
Total :	80

Reduced/Deleted Contents

Chapter	Page No.	Dropped Topics/Chapters
Chapter 1: Sets	13, 15-16 38-40 43 48	Power set, Exercise 1C, Ques. 8,9,10 Practical problems on Union & Intersection of two sets Examples: 1 to 8 Exercise 1G, Ques. 1 to 11 Summary of key facts point 13
Chapter 17: Trigonometric Equations	596-613	Full Chapter
Chapter 18: Solution of Triangles	614-633	Full Chapter
Chapter 4: Principle of Mathematical Induction	131-149	Full Chapter
Chapter 5: Complex Numbers and Quadratic Equations	191-203 203-207 207-214 215-216	Polar representation of complex number, Exercise 5D Quadratic equations, Exercise 5E Square roots of a complex number, Exercise 5F & 5G Review of facts & formulas (point 4-9)
Chapter 7: Linear Inequations (In two variables)	245-263	Full Chapter
Chapter 10: Binomial Theorem	350-382	General & Middle terms in the Binomial expansion
Chapter 11: Arithmetic Progression	383-432	Full Chapter
Chapter 12: Geometric Progression	437 439 440 441 442-443 449 449 466 467 468-469 472-475 477 491	Example 8 Example 14 Example 15 Example 17 Example 20, 21, 22, 23, 24 Example 6 Exercise 12B, questions 8&9 Example 1 Example 5 Example 7 Exercise 12E, Questions 1,2,3,5,6,7,12,19,20 Relation between AM & GM Examples 4 to 8, 10 to 13 Exercise 12F, Questions 1,6,7,9 Exercise 12H, Questions 3,4,5,6
Chapter 13: Some Special Series	495-508	Full Chapter

Chapter 20: Straight Lines	641-645	Collinearity of three points, Exercise 20 A, questions 8, 17 & 18.
	686-689	Equation of a line in normal form (Exercise 20F)
	690-694	General equation of a line (Exercise 20G)
	711-713	Shifting of origin (Exercise 20J)
	714-717	Equation of family of lines passing through the points of intersection of two line (Exercise 20K)
Chapter 26: Three-Dimensional Geometry	789-794	Section formulae, Exercise 26C
Chapter 29: Mathematical Reasoning	894-917	Full Chapter
Chapter 30: Statistics	942-944	Coefficient of variation Comparison of two frequency distributions with same mean, Exercise 30D
Chapter 31:Probability	946	Introduction, Random Experiment

**MATHEMATICS
CLASS XII**

Unit-Wise weightage

Part- A: External

Time: 3 hrs

Marks: 80

Sl.No.	Units	Marks
1.	Relations and Functions	8
2.	Algebra	12
3.	Calculus	35
4.	Vectors and Three-Dimensional Geometry	14
5.	Linear Programming	04
6.	Probability	07
Total :		80

Reduced/Deleted Contents

Chapter	Page no	Dropped Chapters/Topics
Chapter 1: Relations and Functions	12 13-14 15 16-25 26 27-28 29-31 31-32	1.4 Composition of Functions and Invertible Function Definition 8, Example 15, 16 Full pages Example 23,24 & 25 Full pages Questions 12 & 13 Miscellaneous Examples 45 & 49 Miscellaneous Exercise: Questions 1-3, 6-7,9, 11-14, 18-19 Summary Points 11-13 & 15-19
Chapter 2: Inverse Trigonometric Functions	42-44 45-47 47-48 49-51 51-52 53	2.3 Properties of inverse Trigonometric Functions { Except: $\sin(\sin^{-1}x) = x, x \in [-1,1]$ $\sin^{-1}(\sin x) = x, x \in \left[-\frac{\pi}{2}, \frac{\pi}{2}\right]$ } Examples 4, 7 & 8, Alternative solution of Example 5 Exercise 2.2, Questions 3, 4, 6, 12, 14, 15 Miscellaneous Examples: 10, 11, 12 & 13 Miscellaneous exercise, questions 8, 12, 17, 19-23, 25, 27 Summary points 8 to 13
Chapter 3: Matrices	90-92 92-97 98 100-101 102	3.7 Elementary Operation (Transformation) of a Matrix 3.8.1 Inverse of a matrix by elementary operations (Except Exercise 3.4: Question 18) Miscellaneous Example 26 Miscellaneous Exercise: Questions 1-3 & 12 Third last point of summary
Chapter 4: Determinants	109-121 137-143 144	4.3 Properties of Determinants Miscellaneous Examples 30-32 & 34 Miscellaneous Exercise: Questions 2, 4, 5, 6, 11-15, 17 & 20 Summary points 4-11

Chapter 5: Continuity and Differentiability	164-166 168 169 185-187 187 193-194	Examples 21, 22, 23 (Except alternative solution of 21 & 23) Example 27 Exercise 5.3: Questions 10, 11, 13, 15 5.8 Mean Value Theorem, Exercise 5.8 Miscellaneous Example 44 (ii) Miscellaneous Exercise: Question 19 Summary point 5 (derivatives of $\cot^{-1}x$, $\sec^{-1}x$, $\operatorname{cosec}^{-1}x$) 7, 8
Chapter 6: Application of Derivatives	207-217 237-238 243-245 246	6.4 Tangent and Normals 6.5 Approximations Miscellaneous Examples 45 & 46 Miscellaneous Exercise: Questions 1, 4-5 & 20-26 Summary points 4-10
Chapter 7: Integrals	290-291 291-292 298-299 330 332 333-336 354-356 357 357	Points (xi-xiii) in the list of derivatives 7.2.1 Geometrical interpretation of indefinite integral 7.2.3 Comparison between differentiation and integration 7.6.3 $\int (px + q)\sqrt{ax^2 + bx + c} dx$, Example 25 Exercise 7.7: Questions 12, 13, 14 7.7.1 Definite integral as the limit of a sum (Exercise 7.8) Miscellaneous Exercise 19, 40, 44, 48 Summary point 2 Some standard integrals (xiv) & (xv)
Chapter 8: Application of Integrals	365-367 368 368-373 374-376 377-378 379	8.2.1 The area of the region bounded by a curve and a line Exercise 8.1: Questions 3, 6-11 8.3 Area between two curves Exercise 8.2 Miscellaneous Examples: 11, 13, 14 Miscellaneous Exercise 2, 3, 6, 7, 8-15, 18, 19 Summary point 3 & 4
Chapter 9: Differential Equations	387-393 417-418 422-423 424	9.4 Formation of a Differential Equation whose General Solution is given (Exercise 9.3) Miscellaneous Example 25 Miscellaneous Exercise 3, 5 & 15 Summary (last 2 points)
Chapter 10: Vector Algebra	457-462	10.7 Scalar Triple Product 10.7.1 Coplanarity of Three Vectors (Exercise 10.5)
Chapter 11: Three Dimensional Geometry	476 484-485 486-501 501-504 504-507 507-509 510	11.3.2 Equation of a line passing through two given points Exercise 11.2: Questions 8 & 9 11.6 Plane 11.7 Coplanarity of two lines 11.8 Angle between two planes 11.9 Distance of a point from a line 11.10 Angle between a line and a plane Miscellaneous examples 26-30 Miscellaneous Questions 1, 2, 5, 7, 8, 10-19, 21-23, 30-31 Summary points 13, 20-27 Full page
Chapter 12: Linear Programming	521-535 556	12.3 Different types of linear programming problems Exercise 12.2 & Miscellaneous Examples Summary point 2-9
Chapter 13: Probability	564-585 586-587 589-592 593	13.6 Random variables and its probability distribution 13.6.1 Probability distribution of a random variable 13.6.2 Mean of a random variable 13.6.3 Variance of a random variable Exercise 13.4 13.7 Bernoulli trials and binomial distribution Exercise 13.5 Miscellaneous Example 34 & 35 Miscellaneous Exercise 5-7, 9-11, 20-22 Last three points of summary

**PHYSICS
CLASS - XI**

Unit-wise weightage

External: Theory

Time: 3 Hrs.

Marks: 70

Unit	Marks
I. Physical World & Measurement	04
II. Kinematics	10
III. Laws of Motion	08
IV. Work, Energy & Power	06
V. Motion of System of Particles & Rigid Body	06
VI. Gravitation	06
VII. Properties of Bulk Matter	10
VIII. Thermodynamics	05
IX. Behaviour of Perfect Gas & Kinetic Theory of Gases	05
X. Oscillations & Waves	10

Reduced/Deleted Contents

UNIT	TOPICS	REMARK
Unit V	Values of M.I for simple geometrical objects (no derivation)	their application to be deleted
Unit X	Forced and damped oscillations qualitative ideas only	Deleted

**PHYSICS
CLASS - XII**

Unit-wise weightage

External: Theory

Time: 3 Hrs.

Marks: 70

Unit	Marks
I. Electrostatics	10
II. Current Electricity	05
III. Magnetic effect of current & Magnetism	08
IV. Electromagnetic Induction and Alternating current	10
V. Electromagnetic Waves	03
VI. Optics	12
VII. Dual nature of Matter	04
VIII. Atoms and Nuclei	07
IX. Electronic Devices	07
X. Communication Systems	04

Reduced/Deleted Contents

UNIT	UNIT/TOPICS DROPPED	REMARK
Unit I		Energy stored in a capacitor (only expression)
Unit II	Series and parallel combinations of resistors. Meter bridge. Potentiometer- principle and its applications to measure potential difference, and for comparing emf of two cells; measurement of internal resistance of a cell.	-

Unit III	Toroidal solenoids. Cyclotron. Magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis. Earth's magnetic field and magnetic elements. Electromagnets and factors affecting their strengths. Permanent magnets.	Straight solenoid (to be added) Bar magnet as an equivalent solenoid (no mathematical treatment).
Unit IV		LCR series circuit (no analytical solution). Resonance (sharpness of resonance to be deleted).
Unit V	Transverse nature of electromagnetic waves (qualitative idea only)	Transverse nature of electromagnetic waves (qualitative idea only)
Unit VI	Scattering of light- blue colour of the sky and reddish appearance of the sun at sunrise and sunset. Optical instruments: Human eye, image formation and accommodation, correction of eye defects (myopia, hypermetropia). Expression for fringe width. Diffraction due to single slit, width of central maximum. <u>Only bold letter is deleted.</u> Resolving power of microscopes and astronomical telescopes. Polarisation, plane polarized light; Brewster's law, uses of plane polarized light and Polaroids.	Young's double hole experiment (only expression of dark and bright fringe). Diffraction (qualitative idea only).
Unit VII	Davisson-Germer experiment (experimental details should be omitted; only conclusion should be explained.	-
Unit VIII	Radioactivity alpha, beta and gamma particles/rays and their properties; radioactive decay law.	Alpha-particle scattering experiment; Rutherford's model of atom (to be added); Bohr model of hydrogen atom, expression for radius of n^{th} possible orbit, velocity and energy of electron in the orbit (to be added), energy levels of hydrogen atom, Nuclear fission (no nuclear reactor).
Unit IX	I-V characteristic of LED, photodiode, solar cell, and. Zener diode as a voltage regulator. Logic gates (OR,AND,NOT,NAND and NOR). Transistor as a switch.	-
Unit X	Bandwidth of transmission medium. Production and detection of an amplitude-modulated wave.	-

CHEMISTRY
CLASS XI

Unit-wise weightage

External: Theory

Time: 3 Hrs.

Marks: 70

Unit	Marks
I. Some Basic Concepts of Chemistry	5
II. Structure of Atom	9
III. Classification of Elements and Periodicity in Properties	7
IV. Chemical Bonding and Molecular Structure	9
V. Thermodynamics	9
VI. Equilibrium	8
VII. Redox Reactions	5
VIII. Organic Chemistry: Some Basic Principles & Techniques	8
IX. Hydrocarbons	10

Reduced/Deleted Contents

UNIT	UNIT DROPPED
Unit V	States of Matters: Gasses and Liquids. (Whole Unit deleted).
Unit IX	Hydrogen. (Whole Unit deleted).
Unit X	s-block Elements (Whole Unit deleted).
Unit XI	Some p-block Elements (Whole Unit deleted).
Unit XIV	Environmental Chemistry (Whole Unit deleted).

CHEMISTRY
CLASS XII

Unit-wise weightage

External

Time: 3 Hrs.

Marks: 70

Unit	Topic/Chapter	Marks
I.	Solutions	7
II.	Electrochemistry	9
III.	Chemical Kinetics	6
IV.	d-and f-Block Elements	9
V.	Coordination Compounds	5
VI.	Haloalkanes and Haloarenes	6
VII.	Alcohols, Phenols and Ethers	7
VIII.	Aldehydes, Ketones and Carboxylic acids	9
IX.	Organic Compounds containing nitrogen	6
X.	Biomolecules	6

Reduced/Deleted Contents

UNIT	UNIT DROPPED	REMARK
Unit I	Solid State (Whole Unit deleted).	-
Unit III	-	Electrochemical series and its applications (to be added)
Unit V	Surface Chemistry (Whole Unit deleted).	-
Unit VI	General Principles and Processes of Isolation of Elements. (Whole Unit deleted).	-
Unit VII	p-Block elements. (Whole Unit deleted).	-
Unit XV	Polymers. (Whole Unit deleted).	-
Unit XVI	Chemistry in Everyday life. (Whole Unit deleted).	-

BIOLOGY
CLASS XI

Unit-wise weightage

External

Time: 3 hours

Marks: 70

Unit		Part-A	Part-B	Marks
I	Diversity in the Living World	6	4	10
II	Structural Organisation in Animals and Plants	7	5	12
III	Cell Structure and Function	10	8	18
IV	Plant Physiology	12	-	12
V	Human Physiology	-	18	18
TOTAL				70

Reduced/Deleted Contents

Name of the Chapter	Dropped topics/Chapters
Chapter 1: Diversity in the Living World	What is living? Taxonomic aids Botanical garden Zoological parks Museums Key for identification of species
Chapter 4: Plant Kingdom	Angiosperms Patterns of life cycle and alternation of generations
Chapter 6: Morphology of Flowering Plants	Modifications of root, stem, leaves Taxonomic description of some angiospermic families: Fabaceae Liliaceae
Chapter 7: Anatomy of Flowering Plants	Plant tissues and their types Meristematic tissues Permanent tissues Secondary growth in stem and roots
Chapter 8: Structural Organisation in Animals	Animal tissues Epithelial tissue Connective tissue Muscle tissue Neural tissue
Chapter 10: Bio-molecules	ATP DNA RNA
Chapter 12: Transport in Plants	Full chapter
Chapter 13: Mineral Nutrition in Plants	Full chapter
Chapter 16: Plant Growth and Development	Seed dormancy Apical dominance, senescence and abscission Photomorphogenesis in plants Photoperiodism and flowering Vernalisation
Chapter 17: Digestion and Absorption	Full chapter
Chapter 22: Neural Control and Coordination	Reflex action and reflex arc Sensory perception Eye; Organs of sight Ear; Organ of hearing and equilibrium

BIOLOGY
CLASS XII

Unit-wise weightage

External

Time: 3 hours

Marks: 70

Unit		Part-A	Part-B	Marks
I	Reproduction	8	8	16
II	Genetic and Evolution	10	11	21
III	Biology and Human Welfare	-	8	8
IV	Biotechnology and its Applications	7	5	12
V	Ecology and Environment	10	3	13
TOTAL				70

Reduced/Deleted Contents

Name of the Chapter	Dropped topics/Chapters
Chapter 1: Reproduction in Organisms	Full chapter
Chapter 9: Strategies for Enhancement in Food Production	Full chapter
Chapter 13: Organisms and Populations	Organisms and its environment Major abiotic factors Responses to abiotic factors Adaptations
Chapter 14: Ecosystem	Nutrient cycling; Carbon and Phosphorous cycle Ecological succession; Ecological Services
Chapter 16: Environmental Issues	Full chapter

ACCOUNTANCY
CLASS – XI

Unit-wise weightage

Part A : External

Time : 3 Hrs.

Marks : 80

Units	Marks
Financial Accounting-I	
I Theoretical Framework	20
II Accounting Process	45
Financial Accounting-II	
III Financial Statements of Sole Proprietorship	15

Reduced/Deleted Chapters

Unit I	IFRS
Unit II	Accountancy for Bills of Exchange (Full Chapter)
Unit III	Incomplete Records (Full Chapter)
Unit IV	Computers in Accounting (Full Unit)

ACCOUNTANCY
CLASS – XII

Unit-wise weightage

Part A: External

Time : 3 Hrs.

Marks : 70

Units	Marks
Accounting for Partnership Firms and Companies	
I Accounting for Partnership Firms	24
II Accounting for Companies	24
Financial Statement Analysis	
III Analysis of Financial Statements	12
IV Cash Flow Statement	10

Reduced/Deleted Chapters

Unit I	Financial Statements of Not-for-Profit Organisations (Full Unit)
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BUSINESS STUDIES
CLASS–XI

Unit wise Weightage:

Part – A: External

Time: 3 Hrs.

Marks: 80

Units		Marks
Section A:	Foundations of Business	
I.	Nature and Purpose of Business	10
II.	Forms of Business Organisations	10
III.	Public, Private and Global Enterprises	8
IV.	Business Services	8
V.	Emerging Modes of Business	4
VI.	Social Responsibility of Business and Business Ethics	6
Section B:	Finance and Trade	
VII.	Sources of Business Finance	8
VIII.	Small Business	8
IX.	Internal Trade	10
X.	International Business	8
Total		80

Reduced/Deleted Chapters

Unit III	Joint Ventures
Unit V	Business Process Outsourcing (BPO): Concept need and scope
Unit VII	Global Depository Receipt (GDR) American Depository Receipt (ADR)

BUSINESS STUDIES
CLASS–XII

Unit wise Weightage:

Part – A: External

Time: 3 Hrs.

Marks: 80

Units		Marks
Section A:	Principles and Functions of Management	
I.	Nature and Significance of Management	8
II.	Principles of Management	8
III.	Business Environment	5
IV.	Planning	8
V.	Organizing	8
VI.	Staffing	8
VII.	Directing	8
VIII.	Controlling	5
Section B:	Business Finance and Marketing	
IX.	Financial Management	8
X.	Marketing Management	8
XI.	Consumer Protection	6
Total		80

Reduced/Deleted Chapters

Unit III	Impact of Government Policy changes on business with special reference to liberalization, privatization and globalization in India
Unit X	Financial Markets (Full Unit)