

Theory 70 Marks + Practical 30 marks= maximum Marks 100 for both ISC and CBSE

ISC CHEMISTRY XI			CBSE CHEMISTRY XI	
	Units	Mark	Units	Mark
1	Some Basic Concepts of Chemistry	32Marks Physical chemistry	Some Basic Concepts of Chemistry	11 Marks
2	Structure of Atom		Structure of Atom	
3	Classification of Elements and Periodicity in Properties		Classification of Elements and Periodicity in Properties	4Marks
4	Chemical Bonding and Molecular Structure		Chemical Bonding and Molecular Structure	21 Marks
5	States of Matter: Gases and Liquids		States of Matter: Gases and Liquids	
6	Equilibrium		Chemical Thermodynamics	
7	Chemical Thermodynamics		Equilibrium	
8	Redox Reactions	15Marks Inorganic Chemistry	Redox Reactions	20 Marks
9	Hydrogen		Hydrogen	
10	S -Block Elements		S -Block Elements	
			Some p -Block Elements	
11	Some p -Block Elements		Organic Chemistry: Some basic Principles and Techniques	18 Marks
12	Organic Chemistry: Some basic Principles and Techniques	23 Marks Organic Chemistry	Hydrocarbons	
13	Hydrocarbons		Environmental Chemistry	
14	Environmental Chemistry			
	TOTAL	70 Marks	TOTAL	70 Marks

	ISC CHEMISTRY XII		CBSE CHEMISTRY XII	
	Unit	MARK	Unit	Mark
1	Solid State	25 Marks Physical Chemistry	Solid State	23 Marks
2	Solutions		Solutions	
3	Electrochemistry		Electrochemistry	
4	Chemical Kinetics		Chemical Kinetics	
5	Surface Chemistry		Surface Chemistry	
6	General Principles and Processes of Isolation of Elements	20 Marks Inorganic Chemistry	General Principles and Processes of Isolation of Elements	19 Marks
7	p -Block Elements		p -Block Elements	
8	d -and f -Block Elements		d -and f -Block Elements	
9	Coordination Compounds		Coordination Compounds	
10	Haloalkanes and Haloarenes	25 Marks Organic chemistry	Haloalkanes and Haloarenes	28 Marks
11	Alcohols, Phenols and Ethers		Alcohols, Phenols and Ethers	
12	Aldehydes, Ketones and Carboxylic Acids		Aldehydes, Ketones and Carboxylic Acids	
13	Organic Compounds containing Nitrogen		Organic Compounds containing Nitrogen	
14	Biomolecules		Biomolecules	
15	Polymers		Polymers	
16	Chemistry in Everyday Life		Chemistry in Everyday Life	
	Total	70 Marks	Total	70

ISC PHYSICS XI			CBSE PHYSICS XI	
	Units	Mark	Units	Mark
1	Physical World and Measurement	23 Marks	Physical World and Measurement	23 Marks
2	Kinematics		Kinematics	
3	Laws of Motion		Laws of Motion	
4	Work, Energy and Power	17 Marks	Work, Energy and Power	17 Marks
5	Motion of System of Particles and Rigid Body		Motion of System of Particles and Rigid Body	
6	Gravitation		Gravitation	
7	Properties of Bulk Matter	20 Marks	Properties of Bulk Matter	20 Marks
8	Heat and Thermodynamics		Thermodynamics	
9	Behaviour of Perfect Gases and Kinetic Theory of Gases		Behaviour of Perfect Gases and Kinetic Theory of Gases	
10	Oscillations and Waves	10 Marks	Oscillations and Waves	10 Marks
	TOTAL	70 Marks		70 Marks

	ISC BIOLOGY XI		CBSE BIOLOGY XI	
	Unit	Mark	Unit	Mark
1	Diversity of Living Organisms*	17	Diversity of Living Organisms	7
2	Structural Organisation in Animals and Plants	11	Structural Organisation in Plants and Animals	12
3	Cell: Structure and Function	15	Cell: Structure and Function	15
4	Plant Physiology	17	Plant Physiology	18
5	Human Physiology	10	Human Physiology	18
	Total	70	Total	70

ISC BIOLOGY XII		CBSE BIOLOGY XII	
Unit	Mark	Unit	Mark
Reproduction	16	Reproduction	14
Genetics and Evolution	15	Genetics and Evolution	18
Biology and Human Welfare	14	Biology and Human Welfare	14
Biotechnology and its Applications	10	Biotechnology and its Applications	10
Ecology and Environment	15	Ecology and Environment	14
Total	70	Total	70

ISC PHYSICS XII			CBSE PHYSICS XII	
	Units	Mark	Units	Mark
1	Electrostatics	14 Marks	Electrostatics	15 Marks
2	Current Electricity		Current Electricity	
4	Magnetic Effects of Current and Magnetism	16 Marks	Magnetic Effects of Current and Magnetism	16 Marks
5	Electromagnetic Induction and Alternating Currents		Electromagnetic Induction and Alternating Currents	
6	Electromagnetic Waves			
7	Optics	18 Marks	Electromagnetic Waves	17 Marks
			Optics	
10	Dual Nature of Radiation and Matter	12 Marks	Dual Nature of Radiation and Matter	10 Marks
11	Atoms and Nuclei		Atoms and Nuclei	
12	Electronic Devices	8Marks	Electronic Devices	12 marks
13	Communication Systems	2Marks	Communication Systems	
	TOTAL	70 Marks		70 Marks

S.No.	ISC MATHEMATICS XI		CBSE MATHEMATICS XI	
	Units	Marks	Units	Marks
1	Sets and Functions	22 Marks	Sets and Functions	29
2	Algebra	34 Marks	Algebra	37
3	Coordinate Geometry	8 Marks	Coordinate Geometry	13
4	Calculus	8 Marks	Calculus	06
5	Statistics & Probability	8 Marks	Statistics & Probability	12
6	Conic	12 Marks		
7	Section Introduction to Three Dimensional Geometry	4 Marks		
8	Mathematical Reasoning	4 Marks	Mathematical Reasoning	03
	TOTAL	100 Marks	TOTAL	100 Marks

S.No.	ISC MATHEMATICS XII		CBSE MATHEMATICS XII	
	Units	Marks	Units	Marks
1	Relations and Functions	12 Marks	Relations and Functions	10
2	Algebra	14 Marks	Algebra	13
3	Calculus	40 Marks	Calculus	44
4	Probability	14 Marks	Probability	10
5	Vectors	6 Marks	Linear Programming	06
6	Three - Dimensional Geometry	8/10 Marks	Vectors and Three - Dimensional Geometry	17
7	Applications of Integrals	6/4 Marks		
	TOTAL	100 Marks	TOTAL	100 Marks