

SYLLABUS SEMESTER - 1 CLASS: 12- A [2026-27]			
SUBJECTS	LESSON NO.	LESSON NAME	PAGES (FROM-TO)
Maths		Relation and Function	
		Matrices and Determinant (Martin's Rule) [UNIT]	
Block		Inverse Trigonometry	
		Differentiability,Continuity,Derivatives	
		Application of Derivatives - Tangent Normal,Rate Measures,	
		Increasing and Decreasing functions, Maxima and Minima	
		Integrals - Indefinite Integrals [UNIT]	
		05 marks for Discipline and Neatness	
English-1		ESSAYS : Narrative, Descriptive , Argumentative, Opinion On A Statement, One Word Topic	
		Short Story Writing	
Block		DIRECTED WRITING : News Paper Report, Magazine Report, Article Writing,Book Review	
		PROPOSAL WRITING	
		FUNCTIONAL GRAMMAR : Transformation of sentences,Prepositions, Phrasal verbs,	
		Correct form of verb	
		UNIT 1 : One word Topic, Short Story Writing + Functional Grammar	
		UNIT 2 : Proposal Writing + Functional Grammar	
		NOTE : 2.5 marks for HandWriting and 2.5 marks for Discipline	
English-2		DRAMA : Macbeth Act 3 & 4(Full)	
		SHORT STORY : "Atithi"/Guest ; The Cookie Lady	
Block			
		POEMS : Telephone Conversation; Tithonus ; Beethoven	
		UNIT 1 : Atithi(Story) + Macbeth Act 3 Scn 1	
		UNIT 2 : Telephone Conversation(Poem) + Macbeth Act 3 Scn 2 & 3	
		Block test : Whole Syllabus	
		NOTE : 2.5 marks for HandWriting and 2.5 marks for Discipline	
Computer Science		2.5 marks for HandWriting and 2.5 marks for Discipline	
	1	Boolean Algebra [Unit 1]	
Block	2	Computer Hardware [Unit 2]	

	3, 4, 5	Object & Classes, java Revision Tour, Primitive Values, Type Casting and Exceptions [Unit 1]	
	6	Statements, Control Structure and Scope [Unit 2]	
	7	Functions / Methods	
	8	Arrays and Strings	
	9	Compiling and Running Java Programs	
	10	Java Classes: An OOP Perspective	
	11	Recursion	
Chemistry			
Unit - I		Solutions	
		Electrochemistry	
Unit - II		Coordination Compounds	
		Haloalkanes and Haloarenes	
		Alcohols, Phenols and Ethers	
		Aldehydes and Ketones	
BIOLOGY	1	Reproduction	
	a.	Sexual Reproduction in Flowering Plants (Unit-1)	
	b.	Human Reproduction (Unit-2)	
	c.	Reproductive Health	
	2	Genetics and Evolution	
	d.	Principles of Inheritance and Variation	
Block	e.	Molecular Basis of Inheritance	
	f.	Evolution	
	3	Biology and Human Welfare	
	g.	Human Health and Diseases	
	h.	Microbes in Human Welfare	
		General Discipline- 2.5; Neatness and Handwriting- 2.5	
Physics		Electrostatics UNIT 1	
		Current Electricity UNIT 2	
Block		Magnetic effects of electric current and Magnetism	
		Electromagnetic Induction and Alternating Current	
		05 marks for Discipline and Neatness	
PHYSICAL EDUCATION			
UNIT 1		Sociological Aspect of physical education	
UNIT 2		Physical Fitness And Football	
BLOCK 1		Sociological Aspect of Physical Education	
		Training Methods	
		Competitions And Tournaments	
		Football	
		2.5 Marks for Handwriting	
		2.5 Marks for Discipline	

SYLLABUS SEMESTER - 2 CLASS: 12- A [2026-27]

SUBJECTS	LESSON NO.	LESSON NAME	PAGES (FROM-TO)
Maths		Definite Integrals, Application of Integrals - Area under curve	
		Differential Equations	
Block		Vector Algebra	
		Three Dimensional Geometry - Lines and Planes	
		Linear programming problem	
		Probability	
		Project Work	
English-1		ESSAYS : Narrative, Descriptive , Argumentative, Opinion On A Statement, One Word Topic	
		Short Story Writing	
Block		DIRECTED WRITING : Cultural Programme Review, BLOG Writing, Statement Of Purpose(S.O.P)	
		PROPOSAL WRITING	
		FUNCTIONAL GRAMMAR : Transformation of sentences,Prepositions, Phrasal verbs,	
		Correct form of verb	
		Comprehension Passage	
		REHEARSAL EXAM : FULL SYLLABUS (SEM 1 + SEM 2)	
		ISC PATTERN QUESTIONS	
		NOTE : 2.5 marks for HandWriting and 2.5 marks for Discipline	
English-2		DRAMA : Macbeth Act 3 , 4 & 5(Full)	
Block		SHORT STORY : There Will Come Soft Rains; Indigo ; The Medicine Bag	
		POEMS : Small Towns And The Rivers ; Death Be Not Proud ;	
		REHEARSAL EXAM : FULL SYLLABUS (SEM 1 + SEM 2)	
		ISC PATTERN QUESTIONS	
		NOTE : 2.5 marks for HandWriting and 2.5 marks for Discipline	
Computer Science			
	12	Concept Of Inheritance	
	13	Simple Data Structures	

Block	14	Recursive Data Structures	
	15	Computational Complexity	
		Practice Specimen Question Paper/s	
		Practice Test Paper/s	
Chemistry		Chemical Kinetics	
		d and f -Block Elements	
Block		Carboxylic Acid and derivatives	
		Biomolecules	
		Organic Compounds Containing Nitrogen	
		[And all other chapters of Sem -1 will be there in Rehearsal Exam.]	
BIOLOGY	4	Biotechnology and its Application	
	i.	Biotechnology: Principles and Processes	
	j.	Biotechnology and its Applications	
	5	Ecology and Environment	
	k.	Organisms and Populations	
	l.	Ecosystem	
Block	m.	Biodiversity and its Conservation	
		Rehearsal Examination- Entire Semester-1 and II Syllabi	
Physics		Entire syllabus	
PHYSICAL EDUCATION	1	Sports Injuries And First Aid	
	2	Career Aspects in Physical Education	
	3	Health Education and Health Problems	
		Cricket	
		Reharshal Exam based on the entire ISC Class12 Physical Education	
		Project Work	
Moral Science			