SYLLABUS SEMESTER -2 CLASS: 11- A [2023-24]

SUBJECTS	LESSON NO.	LESSON NAME	PAGES (FROM-TO)
Mathematics		SEC- A : Trigonometry - multiple and sub multiple angles [UNIT 1]	
Block I		Genreal solution, Properties of triangle	
		Mathematical induction, Binomial Theorem, Permutation Cmbination	
		Co-ordinate Geometry - Circle (UNIT 2), Probability Fundamentals	
		Differentiation 1 st order	
		SEC B - Ellipse and hyperbola,	
		Mathematical Reasoning	
		SEC C - Correlation analysis, Index number and Moving Average	
		Semester 1 syllabus included	
English-1		1.Essay	
		2.Directed Writing : Cultural Progr. Review, Speech Writing ,	
		Personal Profile , Statement Of Purpose ,	
		3.Proposal Writing	
Block		4.Functional Grammar	
		5. Comprehension passage	
		Unit 1 : Comprehension Passage & Functional Grammar	
		Unit 2 : Directed Writing & Functional Grammar	
		Block : Whole Syllabus of Sem 1 & Sem 2	
English-2		1. Drama : Macbeth : Act 1 & Act 2(Full)	
		2. Short Story : The Paper Menagerie, Automatic Grammatizator	
Block		3. Poems : Abhisara , Why I Like the Hospital, Death of A Naturalist	
		Unit 1 : Macbeth Act 2 Scn 1 & Abhisara(poem)	
		Unit 2 : Macbeth Act 2 Scn 2 & The Paper Menagerie(Story)	
		Block Test : Whole Syllabus Of Sem 1 And Sem 2	
Chemistry		Chemical bonding and molecular structure (Unit 1)	
		Organic chemistry: Some basic concepts (Unit 2)	
Block		Chemical thermodynamics	
		Equilibrium	
		Redox reactions	
		Some p-block elements	
		Hydrocarbons	
		(Class 11, Sem. 2 exam will be taken on entire syllabus i.e. Bl 1 + Bl 2)	
Computer Science	7	Classes in Java (Unit 1)	243-264
	8	Functions(Methods) (Unit 2)	265-312
Block	9	Program Error Types and Basic Exception Handling (Unit 1)	313-338
	10	Using Library Classes and Packages (Unit 2)	339-374
	12	Operations on Files	417-451
	13	Trends in Computing and Ethical Issues	453-475
		Programming from Test Papers	
Biology	11	UNIT 1 PHOTOSYNTHESIS IN HIGHER PLANTS	
Block	12	UNIT2 RESPIRATION IN PLANTS	
		ENTIRE SYLLABUS	
Physics			
Block		Entire syllabus	
		Elasticity, viscosity and surface tension (UNIT 1)	
		Heat and thermodynamics (UNIT 2)	