SYLLABUS SEMESTER -1 CLASS: 11- A [2024-25]			
SUBJECTS	LESSON NO.	LESSON NAME	PAGES (FROM-TO)
Mathematics	Sec-A	Set, Relation and Functions	
Block 1		Complex Numbers (UNIT 1)	
		Quadratic Equation (UNIT 1)	
		A.P and G.P	
		Straight Lines	
		Circles (UNIT 2)	
		Limit	
		Trigonometry (Upto Transformation Formula)	
		Statistics: Measures of Dispersion, Central Tendency	
	Sec-B	Parabola, Introduction to 3-D	
	Sec-C	Statistics: Combined Mean, Standard Deviation,Median,Mode	
English-1		1 ESSAY - NARRATIVE, DESCRIPTIVE, OPINION ON A STATEMENT,	
		ARGUMENTATIVE, ONE-WORD TOPIC, SHORT STORY WRITING.	
		DIRECTED WRITING - NEWSPAPER & MAGAZINE REPORT, ARTICLE WRITING	
Block		FILM & BOOK REVIEW	
		PROPOSAL WRITING	
		FUNCTIONAL GRAMMAR - TRANSFORMATION OF SENTENCES, PHRASAL	
		VERB, PREPOSITION, CORRECT FORM OF THE VERB.	
		COMPREHENSION PASSAGE	
Block		(UNIT 1- ESSAY & GRAMMAR) (UNIT 2 - PROPOSAL WRITING & GRAMMAR)	
		Block Test : Whole Syllabus	
English - 2		DRAMA : MACBETH -ACT 1 - (Full)	
		SHORT STORY: A Living God ; "Advice To Youth" ; "Thank You Ma'am"	
		POEM : Sonnet 116 ; "Strange Meeting"	
		UNIT 1 : MACBETH -ACT 1 - SCN 1 & 2 ; "Strange Meeting"	
		UNIT 2 : MACBETH -ACT 1 -SCN 3 ; "Advice To Youth "	
Block		BLOCK TEST : WHOLE SYLLABUS	
Chemistry	3	Classification of elements & periodicity in properties (Unit 1)	
	12	Organic chemistry: Basic principles (Element analysis, Nomenclature, Isomerism)	(Unit 2)
Block	1	Some basic concepts of chemistry	
	2	Structure of atom	
	3	Classification of elements & periodicity in properties	
	4	Chemical bonding & Molecular structure	
	8	Redox reaction	
	12	Organic chemistry: Basic principles (Element analysis, Nomenclature, Isomerism)	
Biology	8	8. Cell: the unit of life (u1)	
	10	10. Cell cycle and cell division (u2)	
BLOCK	9	9. Biomolecules	

	1	1. The living world	
	2	2. Biological classification	
	3	3. Plant kingdom	
	4	4 Animal kingdom	
Computer Science	1	Data Representation (Unit 1)	Pg 1-61
	2	Propositional Logic & Hardware (Unit 2)	63-96
Block	3	General OOP Concepts (Unit 1)	97-108
	4	Introducing Java (Unit 2)	109-122
	5	Java Fundamentals	123-184
	6	Flow of Control	185-242
	11	Arrays	375-416
		Programming from Test Papers	
Physics	1	Physical world	
	2	Kinematics u1	
Block	3	Laws of motion u1	
	4	Work, energy and power u2	
	5	Motion of systeem at particles	
	6	Gravitation	