

SYLLABUS FOR SEMESTER -1 CLASS: 11- A [2023-24]

SUBJECTS	LESSON NO.	LESSON NAME	PAGES (FROM-TO)
Mathematics		Section A - Sets, Relation and Functions	
		Complex No. , Quadratic Equation (UNIT-1) , A.P , G.P,	
		Straight lines	
		Limits	
		Trigonometry upto Transformation Formula.	
		Statistics - Measures of Dispersion, Mean Deviation, Variance and Standard deviation	
Block 1		Section B - Conic Section -Parabola (UNIT- 2)	
		Introduction to 3 -D - Distance formula, Section and mid point form	
		Section C - Statistics - Combined Mean and Standard Deviation, Median, Quartiles, Deciles and Percentiles(UNIT -2)	
		Mode of grouped and ungrouped data	
English-1	1	ESSAY - NARRATIVE, DESCRIPTIVE, OPINION ON A STATEMENT, ARGUMENTATIVE, ONE-WORD TOPIC, SHORT STORY WRITING.	
	2	DIRECTED WRITING - NEWSPAPER & MAGAZINE REPORT, ARTICLE WRITING,	
		FILM & BOOK REVIEW	
	3	PROPOSAL WRITING	
	4	FUNCTIONAL GRAMMAR - TRANSFORMATION OF SENTENCES, PHRASAL VERB, PREPOSITION, CORRECT FORM OF THE VERB.	
	5	COMPREHENSION PASSAGE	
		(UNIT 1- ESSAY & GRAMMAR) (UNIT 2 - PROPOSAL WRITING & GRAMMAR)	
BLOCK 1		WHOLE SYLLABUS: QUESTION ISC PATTERN	
English-2	DRAMA	MACBETH -ACT 1 - (Full)	
	SHORT	A Living God ; "Advice To Youth" ; "Thank You Ma'am"	
Block 1	POEM	Sonnet 116 ; "Strange Meeting"	
		MACBETH -ACT 1 - SCN 1 & 2 ; "Strange Meeting"(UNIT 1)	
		MACBETH -ACT 1 -SCN 3 ; "Advice To Youth "(UNIT 2)	
		Whole Syllabus	
Computer Science	1	Data Representation (Unit 1)	01-63
	2	Propositional Logic and Hardware (Unit 2)	63-96
	3	General OOP Concept (Unit 1)	97-108
	4	Introducing Java (Unit 2)	109-122
	5	Java Fundamentals	123-154
Block 1	6	Flow of control	185-242
	11	Arrays	375-416
		Programming from Test Paper	
Chemistry	3	Classification of elements and periodic property (Unit 1)	
	9	Hydrogen (Unit 2)	
Block 1	1	Some basic concepts of chemistry	
	2	Structure of atom	
	3	Classification of elements and periodic property	
	5	States of matter: Gases and liquids	
	9	Hydrogen	
	10	s-block elements	
	12	Organic chemistry: Some basic principles / Nomenclature	
	12	Organic chemistry: Some basic principles / Element analysis	
	14	Environmental chemistry	
Biology	1	The living world (u1)	
Block 1	2	Biological classification (u2)	
	3	Plant kingdom	
	4	Animal kingdom	
	8	cell: the unit of life	
	9	Biomolecules	
	10	Cell cycle and cell division	
Physics	1	PHYSICAL WORLD AND MEASUREMENT	
	2	KINEMATICS (UNIT)	
Block 1	3	LAWS OF MOTION (UNIT)	
	4	WORK, POWER AND ENERGY	
	5	GRAVITATION	