

**SYLLABUS SEMESTER -1 CLASS: 11- A [2025-26]**

SUBJECTS	LESSON NO.	LESSON NAME	PAGES (FROM-TO)
Mathematics	SEC-A	SET, RELATION & FUNCTION	
Block I		COMPLEX NUMBERS (UNIT 1)	
		QUADRATIC EQUATIONS, A.P & G.P.	
		ST. LINES, CIRCLES	
		TRIGONOMETRY: ANGLES & ARC LENGTHS, TRIGONOMETRIC FNS (UNIT 2)	
		COMPOUND ANGLES (UNIT 2)	
		TRANSFORMATION FORMULAS, MULTIPLE ANGLES	
		STATISTICS: MEASURES OF DISPERSION, STANDARD DEVIATION.	
	SEC-B	PARABOLA, INTRODUCTION TO 3D	
	SEC-C	STATISTICS: COMBINED MEAN, STANDARD DEVIATION, MEDIAN, QUARTILES, MODE	
English-1		1.ESSAY - NARRATIVE, DESCRIPTIVE, ARGUMENTATIVE, OPINION ON A STATEMENT, ONE-WORD TOPIC, SHORT STORY WRITING.	
		2.DIRECTED WRITING - NEWSPAPER REPORT, MAGAZINE REPORT, ARTICLE WRITING, BOOK REVIEW	
Block		3.PROPOSAL WRITING -	
		4.FUNCTIONAL GRAMMAR - TRANSFORMATION OF SENTENCES, PREPOSITION & PHRASAL VERBS & CORRECT FORM OF THE VERB	
		5.COMPREHENSION PASSAGE	
		UNIT 1. ESSAY (3 TYPES) & FUNCTIONAL GRAMMAR:::: UNIT 2. PROP. WRITING & FUNCTIONAL GRAMMAR	
		BLOCK TEST : WHOLE SYLLABUS	
English-2		1. MACBETH - ACT 1 (FULL)	
		2. SHORT STORY - A LIVING GOD, ADVICE TO YOUTH, THANK YOU MA'AM	
		3. POEMS : SONNET 116, DEATH OF A NATURALIST	
Block		UNIT 1. MACBETH (ACT 1, SC 1&2); DEATH OF A NATURALIST	
		UNIT 2. MACBETH (ACT 1, SC3); ADVICE TO YOUTH	
		BLOCK TEST : WHOLE SYLLABUS	
Computer Science	1	Data Representation (Unit 1)	
	2	Propositional Logic & Hardware (Unit 2)	
Block	3	General OOP Concepts (Unit 1)	
	4	Introducing Java (Unit 2)	
	5	Java Fundamentals	
	6	Flow of Control	
	11	Arrays	
		Programming from Test Papers	
Chemistry	3	Classification of elements and periodicity of properties [Unit 1]	
	5	Organic Chemistry : Some Basic principles [Unit 2]	
Block	1	Some Basic concepts of Chemistry	
	2	Structure of atom	
	4	Chemical Bonding	
	6	Redox reaction	
Biology		1. Diversity of Living Organisms	
Block	1	The Living World	
	2	Biological Classification (Unit1)	
	3	Plant Kingdom	
	4	Animal Kingdom (Unit2)	
		2.Structural Organisation in Animals and Plants	
	5	Morphology of Flowering Plants	
	6	Anatomy of Flowering Plants	
		3. Cell: Structure and Function	
	8	Cell: The Unit of Life	

	9	<b>Biomolecules: Chemical constituents of Living Cells</b>	
	10	<b>Cell Cycle and Cell Division</b>	
		<b>4. Plant Physiology</b>	
	15	<b>Plant Growth and Development</b>	
		<b>5. Human Physiology</b>	
	17	<b>Breathing and Exchange of Gases</b>	
<b>Physics</b>	1	<b>Physical world</b>	
	2	<b>Kinematics U1</b>	
<b>Block</b>	3	<b>Laws of motion U1</b>	
	4	<b>Work, energy and power U2</b>	
	5	<b>Motion of system of particles</b>	
	6	<b>Gravitation</b>	
<b>PHYSICAL EDUCATION</b>			
<b>BLOCK-1</b>	1	<b>CONCEPT OF PHYSICAL EDUCATION -(UNIT TEST -1)</b>	
	2	<b>FOOTBALL - (UNIT TEST -2)</b>	
	1	<b>CONCEPT OF PHYSICAL EDUCATION.</b>	
	2	<b>INDIVIDUAL ASPECTS OF GROUP DYNAMIC.</b>	
	3	<b>EFFECTS OF PHYSICAL EXERCISE AND TRAINING ON HUMAN BODY SYSTEM.</b>	
	2	<b>FOOTBALL</b>	
<b>Moral Science</b>	1	<b>The Unruly Guests [Unit Test 1]</b>	
	2	<b>Adolescence [Unit Test 1]</b>	
	3	<b>True Happiness [Unit test 2]</b>	
	4	<b>Smoking Kills [Unit Test 2]</b>	
	5	<b>A Grave Problem</b>	
	6	<b>People With Special Needs</b>	

**SYLLABUS SEMESTER -2 CLASS: 11- A [2025-26]**

SUBJECTS	LESSON NO.	LESSON NAME	PAGES (FROM TO)
Mathematics	SEC-A	PERMUTATION AND COMBINATION	
Block 1		BINOMIAL THEOREM ( UNIT 1)	
		LIMIT & DIFFERENTIATION OF FIRST ORDER (UNIT 2)	
		PROBABILITY (INTRODUCTION)	
	SEC-B	ELLIPSE, HYPERBOLA, MATHEMATICAL REASONING	
	SEC-C	CORRELATION ANALYSIS, COVARIANCE	
		INDEX NUMBER & MOVING AVERAGES	
		# ENTIRE SYLLABUS FOR FINAL EXAM	
English-1		1. ESSAY - ALL SIX TYPES: 2. DIRECTED WRITING: CULTURAL PROG REVIEW, SPEECH WRITING, STATEMENT OF PURPOSE (SOP): 3. PROPOSAL WRITING: 4. FUNCTIONAL GRAMMAR:	
		5. COMPREHENSION PASSAGE. (BLOCK 2. INCLUDES SYLLABUS OF SEM1 & SEM2)	
Block		UNIT 1. DIRECTED WRITING ( CULTURAL PROG REVIEW, SOP) & FUNCTIONAL GRAMMAR	
		UNIT 2. SPEECH WRITING & FUNCTIONAL GRAMMAR	
		BLOCK TEST : Whole Syllabus	
English - 2		1. MACBETH - ACT 1 & 2.	
		2. THE PAPER MENAGERIE, THE GREAT AUTOMATIC GRAMMATIZATOR.	
		3. ABHISARA- THE TRYST, STRANGE MEETING, WHY I LIKE THE HOSPITAL.	
		UNIT 1. MACBETH, (ACT 2 ,SC 1) & THE PAPER MENAGERIE	
Block		UNIT 2. MACBETH (ACT 2, SC 2) & ABHISARA.	
		BLOCK 2. INCLUDES SYLLABUS OF SEM1 & SEM 2.	
Chemistry		Chemical equilibrium (Unit 01)	
		Alkane, Alkene and alkynes (Unit 02)	
Block		All the chapters of the text book mentioned in the syllabus	
Biology		2. Structural Organisation in Animals and Plants	
	7	Animal Tissues, Morphology and Anatomy of Frog	
		4. Plant Physiology	
	13	Photosynthesis in Higher Plants	
BLOCK	14	Respiration in Plants	
		5. Human Physiology	
	18	Body Fluids and Circulation (Unit 1)	
	19	Excretory Products and Their Elimination (Unit2)	
	20	Locomotion and Movement	
	21	Neural Control and Co-ordination	
	22	Chemical Co-ordination and Integration	
		Block Exam: Semester 1 and Semester 2 Syllabi	
Computer Science	7	CLASSES IN JAVA (UNIT 1)	
	8	FUNCTIONS (METHODS) (UNIT 2)	
Block	9	PROGRAM ERROR TYPES AND BASIC EXCEPTION HANDLING (UNIT 1)	
	10	USING LIBRARY CLASSES AND PACKAGES (UNIT 2)	
	12	OPERATION ON FILES	
	13	TRENDS IN COMPUTING AND ETHICAL ISSUES	
		PROGRAMMING FROM TEST PAPERS	
		Exam on whole syllabus	

Physics		Mechanical properties of solids and fluids U1	
		Heat and thermodynamics U2	
Block		Entire syllabus	
Moral Science	7	Practising Yoga [Unit Test 1]	
	8	The Mystery Of Procreation [Unit Test 1]	
	9	Social Networking Site [Unit Test 2]	
	10	A Necessary Evil [Unit Test 2]	
	11	Swachh Bharat Abhiyan	
PHYSICAL EDUCATION			
BLOCK -2			
	6	GAMES AND SPORTS - A GLOBAL PERSPECTIVE (UNIT TEST - 1)	
	1	CRICKET (UNIT TEST -2)	
	4	NUTRITION ,WEIGHT CONTROL AND EXERCISE.	
	5	PHYSICAL FITNESS AND WELLNESS.	
	6	GAMES AND SPORTS- A GLOBAL PERSPECTIVE.	
	1	CRICKET	
		BLOCK -2 EXAM BASED ON THE ENTIRE ISC CLASS 11 PHYSICAL EDUCATION SYLLABUS	