AIR FORCE SCHOOL GURGAON
CLASS: XII NON- MEDICAL SYLLABUS (SESSION: 2025-26)

SUBJECT : PHYSICS

TERM-1		TERM-2	
BOOK NAME: NCERT		**BOOK NAME: NCERT**	
CH NO.	CHAPTER NAME	CH NO.	CHAPTER NAME
	FIRST QUARTER (APRIL-JUNE)		**THIRD QUARTER (OCT-DEC)**
1	Electric Charge and Fields	11	Dual Nature of Radiation and Matter
2	Electrostatic Potential and Capacitance	12	Atoms
3	Current Electricity	13	Nuclei
4	Moving Charges and Magnetism	14	Semiconductor Electronics
	SECOND QUARTER (JULY-SEP)		**FOURTH QUARTER (JAN-MAR)**
5	Magnetism and Matter	**NOTE**	Revision of whole syllabus for Preboard and Board Examination
6	Electromagnetic Induction		
7	Alternating Current		
8	Electromagnetic Waves		
9	Ray Optics and Optical instruments		
10	Wave optics		

SUBJECT : CHEMISTRY

BOOK NAME:NCERT		BOOK NAME:NCERT	
CH NO.	CHAPTER NAME	CH NO.	CHAPTER NAME
	FIRST QUARTER (APRIL-JUNE)		**THIRD QUARTER (OCT-DEC)**
6	Haloalkanes and Haloarenes	4	d and f-Block Elements
1	Solutions	5	Coordination Compounds
2	Electrochemistry	9	Amines
	SECOND QUARTER (JULY-SEP)		**FOURTH QUARTER (JAN-MAR)**
7	Alcohols, Phenols and Ethers	NOTE	Revision of whole syllabus for Preboard and Board Examination
8	Aldehydes, Ketones and Carboxylic Acids		
3	Chemical Kinetics		
10	Biomolecules		

SUBJECT: MATHEMATICS

BOOK NAME : NCERT		BOOK NAME : NCERT	
CH NO.	CHAPTER NAME	CH NO.	CHAPTER NAME
	FIRST QUARTER (APRIL-JUNE)		**THIRD QUARTER (OCT-DEC)**
1	Relations and Functions	9	Differential Equations
2	Inverse Trigonometric Functions	10	Vector Algebra
3	Matrices	11	Three Diamentional Geometry
4	Determinants	13	Probability
12	Linear Programming		

	SECOND QUARTER (JULY-SEP)	**FOURTH QUARTER (JAN-MAR)**	
5	Continuity and Differentiability	**NOTE**	Revision of Whole Syllabus for Pre-Board & Board Examination
6	Application of Derivatives		
7	Integrals		
8	Application of Integrals		

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SUBJECT: ENGLISH

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BOOK NAME:Flamingo,Vistas (Prose)		**BOOK NAME:Flamingo, Vistas (Prose)**	
CH NO.	**CHAPTER NAME**	**CH NO.**	**CHAPTER NAME**
	FIRST QUARTER (APRIL-JUNE)		**THIRD QUARTER (OCT-DEC)**
(Prose)	The Last Lesson (Flamingo)		The Interview Part I, Part II (Flamingo)
	Lost Spring (Flamingo)		Going Places (Flamingo)
	Deep Water (Flamingo)		On the face of it (Vistas)
	The Rat Trap (Flamingo)		Memories of Childhood (a) The cutting of my long hair (b) We too are human beings. (Vistas)
	The Third Level (Vistas)	Poems	Aunt Jennifer's Tigers (Flamingo)
	The Tiger King (Vistas)		
Poems	My Mother at Sixty Six		
	A Thing of Beauty	**Creative Writing**	Letter to the editor
Creative Writing	Notice		Biodata
	SECOND QUARTER (JULY-SEP)		**FOURTH QUARTER (JAN-MAR)**
	Indigo (Flamingo)	**NOTE**	Revision of Whole Syllabus for Pre-Board & Board Examination
	Poets and Pancakes (Flamingo)		Sample Papers
	Journey to the end of the Earth (Vistas)		
	The Enemy (Vistas)		
Poems	Keeping Quiet		
	Roadside stand, Aunt Jennifer's Tiger		
Creative Writing	Invitation and Replies		
	Article and Report Writing		

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SUBJECT : PHYSICAL EDUCATION

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BOOK NAME: HEALTH AND PHYSICAL EDUCATION		**BOOK NAME: HEALTH AND PHYSICAL EDUCATION**	
CH NO.	**CHAPTER NAME**	**CH NO.**	**CHAPTER NAME**
	FIRST QUARTER (APRIL-JUNE)		**THIRD QUARTER (SEP-OCT)**

1	Management of sporting events	7	Physiology and Injuries in sports
2	Children and Women in Sports	8	Biomechanics in Sports
3	Yoga as preventive measures for lifestyle disease	9	PSYCHOLOGY & SPORTS
		10	Training in Sports
	SECOND QUARTER (JULY-AUG)		**FOURTH QUARTER (JAN-MAR)**
4	Physical Education & Sports For CWSN	**NOTE**	Revision of Whole Syllabus for Pre-Board & Board Examination
5	Sports and Nutrition		
6	Test and Measurement in sports		

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SUBJECT : COMPUTER SCIENCE

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BOOK NAME: NCERT

CH NO.	CHAPTER NAME	CH NO.	CHAPTER NAME
	FIRST QUARTER (APRIL-JUNE)		**THIRD QUARTER (OCT-DEC)**
7	Understanding Data	5	Sorting
8	Dtabase Concepts	6	Searching
9	Structured Query Language (SQL)		
	SECOND QUARTER (JULY-SEP)		**FOURTH QUARTER (JAN-MAR)**
10	Computer Networks	**NOTE**	Revision of Whole Syllabus for Pre-Board & Board Examination
11	Dtata Communication		
12	Security Aspects		
1	Exception Handling in Python		
2	File Handling in Python		
3	Stack		
4	Queue		