

AIR FORCE SCHOOL GURGAON**CLASS: XII NON- MEDICAL SYLLABUS (SESSION: 2026-27)****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
5	Continuity and Differentiability	11	Three Dimensional Geometry
6	Application of Derivatives	13	Probability
12	Linear Programming		
	SECOND QUARTER (JULY-SEP)		FOURTH QUARTER (JAN-MAR)
3	Matrices	NOTE	Revision of Whole Syllabus for Pre-Board & Board Examination
6	Determinants		
7	Integrals		
8	Application of Integrals		

SUBJECT: ENGLISH

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)
	The Last Lesson (Flamingo)		Indigo (Flamingo)
	Lost Spring (Flamingo)		Poets and Pancakes (Flamingo)
	The Third Level (Vistas)		The Interview-Part I and Part II(Flamingo)
	The Tiger King (Vistas)		On Face of it (Vistas)
	Notice Writing (Creative Writing)		Memories of Childhood (Vistas)
	Invitation and Replies (Creative Writing)		Roadside Stand (Flamingo)
	My Mother at Sixty-Six (Flamingo)		Aunt Jennifer's Tigers(Flamingo)
			Letter to the Editor and Writing Bio-data
			Preparing of the Project Files & Preboard Exam
	SECOND QUARTER (JULY-SEP)		FOURTH QUARTER (JAN-MAR)
	Deep Water (Flamingo)		Viva-Voce & Practical Internal & External Exams
	The Rattrap (Flamingo)		Attempting Sample Papers
	Journey to the end of the Earth (Vistas)		Revision of Whole Syllabus for Pre-Board & Board Examination
	The Enemy(Vistas)		

	Keeping Quiet (Flamingo)		
	A Thing of Beauty (Flamingo)		
	Article Writing and Report Writing (Creative Writing)		

SUBJECT : PHYSICAL EDUCATION

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		

SUBJECT : COMPUTER SCIENCE

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