

AIR FORCE SCHOOL GURGAON			
CLASS: XI (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
	<b>FIRST QUARTER (APRIL-JUNE)</b>		<b>THIRD QUARTER (OCT-DEC)</b>
1	Units and Measurements	9	Mechanical properties of fluids
2	Motion in a straight Line	10	Thermal properties of Matter
3	Motion in a Plane	11	Thermodynamics
	<b>SECOND QUARTER (JULY-SEP)</b>		<b>FOURTH QUARTER (JAN-MAR)</b>
4	Laws of Motion	12	Kinetic theory
5	Work , Energy and Power	13	Oscillations
6	System of Particles and Rotational Motion	14	Wave
7	Gravitation		
8	Mechanical properties of Solids		
SUBJECT: CHEMISTRY			
BOOK NAME: NCERT		BOOK NAME: NCERT	
CH NO.	CHAPTER NAME	CH NO.	CHAPTER NAME
	<b>FIRST QUARTER (APRIL-JUNE)</b>		<b>THIRD QUARTER (OCT-DEC)</b>
1	Some Basic Concepts of Chemistry	6	Hydrocarbons
2	Structure of atom	7	Redox Reactions
		8	Thermodynamics
	<b>SECOND QUARTER (JULY-SEP)</b>		<b>FOURTH QUARTER (JAN-MAR)</b>
3	Classification of elements and Periodicity in properties	9	Equilibrium
4	Chemical Bonding and Molecular Structure		
5	Organic Chemistry some basic principles and techniques		
SUBJECT: MATHEMATICS			
CH NO.	CHAPTER NAME	CH NO.	CHAPTER NAME
	<b>FIRST QUARTER (APRIL-JUNE)</b>		<b>THIRD QUARTER (OCT-DEC)</b>
1	Sets	8	Sequences and Series
2	Relations and Functions	12	Limits and Derivatives

5	Linear Inequalities	13	Statistics
		14	Probability
	<b>SECOND QUARTER (JULY-SEP)</b>		<b>FOURTH QUARTER (JAN-MAR)</b>
3	Trigonometry Functions	9	Straight Lines
4	Complex Numbers and Qadratic Equations	10	Conic Sections
6	Permutations and Combinations	11	Introduction to Three Diamentional Geometry
7	Binomial Theorems		
<b>SUBJECT: ENGLISH</b>			
<b>BOOK NAME: HORNBILL</b>		<b>BOOK NAME: HORNBILL</b>	
<b>CH NO.</b>	<b>CHAPTER NAME</b>	<b>CH NO.</b>	<b>CHAPTER NAME</b>
	<b>FIRST QUARTER (APRIL-JUNE)</b>		<b>THIRD QUARTER (OCT-DEC)</b>
1	Portrait of a lady	9	The Adventure
2	We're not afraid to die if we die together	10	Silk Road
		11	Childhood
		12	Father to Son
<b>BOOK NAME: SNAPSHOTS</b>		<b>BOOK NAME: SNAPSHOTS</b>	
3	The Summer of the Beautiful White Horse	13	Birth
4	The Address	14	The Tale of Melon City
	<b>Grammar</b>		<b>Grammar</b>
	Advertisement , Posters		Debate and Speech
			Gap Filling, Modals, Active Passive
			Transformation of Sentences
	<b>SECOND QUARTER (JULY-SEP)</b>		<b>FOURTH QUARTER (JAN-MAR)</b>
<b>BOOK NAME: HORNBILL</b>			
5	Discovering Tut	<b>NOTE:</b>	REVISION FOR PRE-BOARD & FINAL EXAMINATION - WHOLE NCERT
6	The laburnum Top		
7	The voice of rain		
<b>BOOK NAME: SNAPSHOTS</b>			

8	Mother's Day		
	<b>Grammar</b>		
	Notemaking, Summarisation		

**SUBJECT : PHYSICAL EDUCATION**

BOOK NAME: HEALTH AND PHYSICAL EDUCATION		BOOK NAME: HEALTH AND PHYSICAL EDUCATION	
CH NO.	CHAPTER NAME	CH NO.	CHAPTER NAME
	<b>FIRST QUARTER (APRIL-JUNE)</b>		<b>THIRD QUARTER (OCT-DEC)</b>
1	Changing trends and carrers in Physical Education	7	Fundamental of Antomy,Physiology in Sports
2	Olympism	8	Fundamental of Kinesiology and Biomechanicsin sports
3	Yoga	9	Psychology & Sports
	<b>SECOND QUARTER (JULY-SEP)</b>		<b>FOURTH QUARTER (JAN-MAR)</b>
4	Physical Fitness & Sports For CWSN	10	Training nd Doping in Sports
5	Physical Fitness , Health And Wellness		
6	Test,Measurement and Evaluvation		

**SUBJECT : COMPUTER SCIENCE**

BOOK NAME: NCERT		BOOK NAME: NCERT	
CH NO.	CHAPTER NAME	CH NO.	CHAPTER NAME
	<b>FIRST QUARTER (APRIL-JUNE)</b>		<b>THIRD QUARTER (OCT-DEC)</b>
1	Computer System	8	Strings
2	Encoding Schemes and Number System	9	Lists
		10	Tuples and Dictionaries
	<b>SECOND QUARTER (JULY-SEP)</b>		<b>FOURTH QUARTER (JAN-MAR)</b>
4	Introduction to problem solving	3	Emerging Trends
5	Getting started with python	11	Societal Impact
6	Flow of Control		
7	Function		

**\*Subject to change.**