

AIR FORCE SCHOOL GURGAON**CLASS: XI (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	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
	SECOND QUARTER (JULY-SEP)		FOURTH QUARTER (JAN-MAR)
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
	FIRST QUARTER (APRIL-JUNE)		THIRD QUARTER (OCT-DEC)
1	Some Basic Concepts of Chemistry	9	Hydrocarbons
2	Structure of atom	7	Redox Reactions
	SECOND QUARTER (JULY-SEP)		FOURTH QUARTER (JAN-MAR)
3	Classification of elements and Periodicity in properties	6	Equilibrium
4	Chemical Bonding and Molecular Structure		
8	Organic Chemistry some basic principles and techniques		

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	Sets	8	Sequences and Series
2	Relations and Functions	12	Limits and Derivatives
5	Linear Inequalities	13	Statistics

		14	Probability
	SECOND QUARTER (JULY-SEP)		FOURTH QUARTER (JAN-MAR)
3	Trigonometry Functions	9	Straight Lines
4	Complex Numbers and Quadratic Equations	10	Conic Sections
6	Permutations and Combinations	11	Introduction to Three Dimensional Geometry
7	Binomial Theorems		

SUBJECT: ENGLISH

CH NO.	CHAPTER NAME	CH NO.	CHAPTER NAME
	FIRST QUARTER (APRIL-JUNE)		THIRD QUARTER (OCT-DEC)
1	Portrait of a lady	1	The Adventure
2	We're not afraid to die if we die together	2	Silk Road
3	The Summer of the Beautiful White Horse	3	Childhood
4	The Address	4	Gap Filling, Modals, Active Passive
5	The laburnum Top		Transformation of Sentences
6	Advertisement , Posters		Debate and Speech
			Gap Filling, Modals, Active Passive
			Transformation of Sentences
	SECOND QUARTER (JULY-SEP)		FOURTH QUARTER (JAN-MAR)
1	Discovering Tut	1	Birth
2	The voice of rain	2	The Tale of Melon City
3	Mother's Day	3	Father to Son
4	Speech and Debate Writing	4	Revision of entire syllabus before preboard exam
5	Letter to the Editor		
6	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
	FIRST QUARTER (APRIL-JUNE)		THIRD QUARTER (OCT-DEC)
1	Changing trends and careers in Physical Education	7	Fundamental of Anatomy, Physiology in Sports

2	Olympism	8	Fundamental of Kinesiology and Biomechanics in sports
3	Yoga	9	Psychology & Sports
	SECOND QUARTER (JULY-SEP)		FOURTH QUARTER (JAN-MAR)
4	Physical Fitness & Sports For CWSN	10	Training and Doping in Sports
5	Physical Fitness , Health And Wellness		
6	Test, Measurement and Evaluation		

SUBJECT : COMPUTER SCIENCE

BOOK NAME: NCERT		BOOK NAME: NCERT	
CH NO.	CHAPTER NAME	CH NO.	CHAPTER NAME
	FIRST QUARTER (APRIL-JUNE)		THIRD QUARTER (OCT-DEC)
1	Computer System	8	Strings
2	Encoding Schemes and Number System	9	Lists
		10	Tuples and Dictionaries
	SECOND QUARTER (JULY-SEP)		FOURTH QUARTER (JAN-MAR)
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.**