

**ARMY PUBLIC SCHOOL, SURATGARH - CLASS- 12 SYLLABUS**

S.NO	MONTHS	ENGLISH	BIOLOGY	MATHS	PHYSICS	CHEMISTRY	PHYSICAL EDU.	COMPUTER SCIENCE	HINDI
1	APRIL	. The Last Lesson 2. My Mother at 66 3. Notice and Poster	CH-2--SEXUAL REPRODUCTION IN FLOWERING PLANTS CH-3--HUMAN REPRODUCTION CH-4- REPRODUCTIVE HEALTH	Chapter - 1. Relation & Function Chapter - 2. Inverse Trigonometry Chapter - 3. Matrices	CHAPTER – 1 Electric Charges and Fields CHAPTER – 2 Electrostatic Potential and Capacitance	Haloalkanes and halo arens,alcohol phenol and ether	Unit 1 Management of Sporting Events  Unit 2 Children and women in Sports	Python Revision Tour-I Python Revision Tour-II	आरोह पद्य- हरिवंश राय बच्चन, आलोक धन्वा , गद्य- भक्तिन, बाज़ार दर्शन, रचनात्मक लेख
2	MAY (SUMMER VACATIONS 14 <sup>th</sup> MAY TO 25 <sup>th</sup> JUNE 2023)	. The Tiger King 2. An Elementary..... 3. Formal Letters	CH-2--SEXUAL REPRODUCTION IN FLOWERING PLANTS CH-3--HUMAN REPRODUCTION CH-4--REPRODUCTIVE HEALTH	Chapter - 4. Determinants	CHAPTER – 3 Current Electricivt CHAPTER – 10 . Wave Optics	Aldehyde, ketone and carboxylic acid		Computer Networks	वितान- सिल्वर वैडिंग, संचार, कहानी और कविता लेखन
3	JULY	1. Keeping Quiet 2. The Third Level 3. Lost Spring 4. Article Writing	CH-5-- PRINCIPLES OF INHERITANCE AND VARIATION CH-6-- MOLECULAR BASIS OF INHERITANCE CH-7-- EVOLUTION	Chapter - 5. Continuity & Differentiability Chapter - 6. Application of Derivatives	CHAPTER – 4 Moving Charges and Magnetism CHAPTER – 5 Magnetism and Matter	Amine	Unit 3 Yoga  Unit 4 Sports and Nutrition	Working with functions	आरोह पद्य- कुंवर नारायण , गद्य - काले मेघा पानी दे अपठित गद्यांश, पद्यांश फीचर लेखन, जनसंचार अर्थ, भेद, माध्यम
	AUGUST		CH-8-- HUMAN HEALTH AND DISEASE CH-10--MICROBES IN HUMAN WELFARE REVISION OF HALF YEARLY SYLLABUS	Chapter - 7. Integrals Chapter - 8. Application of Integrals	CHAPTER – 1,2,3,4	Solution,chemical kinetics	Unit 5 Phy Edu and Sports for CWSN  Unit 6 Test and measurement in Sports	Python Revision Tour- I,II and Working with functions	अप्रैल से जुलाई तक पढाया गया समस्त पाठ्यक्रम
4	(PT-1 SYLLABUS) TENTATIVE DATE-16 AUGUST-21 AUGUST 2023	1. Deep Water 2. The Rattrap 3. Formal Letters 1. Indigo 2. Journey to the end.	CH-11--BIOTECHNOLOGY: PRINCIPLES AND PROCESSES CH-12-- BIOTECHNOLOGY AND ITS APPLICATIONS	Chapter -1 to Chapter -6	CHAPTER -5 Magnetism and Matter CHAPTER – 6 Electromagnetic Induction CHAPTER – 7 Alternating Current		Unit 1,2,3	File handling and Text file , Binary and CSV file	आरोह पद्य- रघुवीर सहाय, शमशेर बहादुर सिंह , गद्य- पहलवान की ढोलक, वितान - जूझ, आलेख
5	SEPTEMBER	. 3. The Enemy 4. Poets and Pancakes 5. Advertisement 1. A Thing of Beauty 2. Should Wizard... 3. The Interview 4. On the Face of it	CH-13--ORGANISM AND POPULATION CH-14-- ECOSYSTEM	Chapter - 9. Differential equations Chapter - 10. Vector Algebra	CHAPTER – 7 Alternating Current CHAPTER – 8 Electromagnetic Waves CHAPTER – 9 Rav Optics and Optical Instruments	Coordination compounds	Unit 7 Physiology and Injuries in Sports  Unit 8 Biomechanics and Sports	Python libraries and Data Structure	आरोह पद्य- निराला, तुलसीदास गद्य- शिरीष के फूल सृजनात्मक लेख पाठ स.3,4,5 कहानी का नाट्य रूपांतरण , रेडिओ नाटक

	<b>(HALF YEARLY SYLLABUS AND TENTATIVE DATES - 03 OCT TO 13 OCT 2023)</b>		REVISION OF HALF YEARLY SYLLABUS	Chapter -1 to Chapter - 10	CHAPTER – 1,2,3,4,5,6,7,8,9		Unit 1,2,3,4,5,7	Python Revision Tour-I,II and Working with functions, File handling and Text file, Binary and CSV file	अप्रैल से सितम्बर तक पढाया गया समस्त पाठ्यक्रम
6	<b>OCTOBER</b>	5. Speech and Debate, 1. Aunt Jennifer..... 2. A Roadside stand 3. Evans Tries an O.. 4. Memories of child.. 5. Going Places	CH-15--BIODIVERSITY AND CONSERVATION		CHAPTER -12 Atoms CHAPTER -13 Nuclei CHAPTER – 14 Semiconductor Electronics CHAPTER – 15 Communication Systems	Biomollicules,	Unit 9 Physiology and Sports Unit 10 Training in Sports	Data Management	आरोह पद्य- फिराक गोरखपुरी, , वितान-अतीत में दबे पाँव
7	<b>NOVEMBER(A UTMN BREAK- 06 NOV TO 15 NOV 2023 )</b>	revision	revision	Chapter - 11. 3D Chapter - 12. LPP	revision	Electro chemistry, d and f block elements	revision	revision	आरोह गद्य- श्रम विभाजन और जाति प्रथा , पत्रकारिता और जनसंचार माध्यमों के लिए लेखन
8	<b>(PT-2 SYLLABUS TENTATIVE DATE- 18 DEC 2023 - 23 DEC 2023)</b>	revision	REVISION OF WHOLE SYLLABUS (PRE BOARD1 SYLLABUS )	Chapter - 13. Probability	CHAPTER – 10,11,12,13		revision	revision	आरोह- उमाशंकर जोशी, सृजनात्मक लेख पाठ स. 11,12,13 दोहरान
	<b>DECEMBER (Winter Break 24 Dec 2023 to 07Jan 2024)</b>	FULL SYLLABUS	COMPLETE SYLLABUS ACCORDING TO CBSE PRACTICALS	Chapter - 11 to Chapter - 13	REVISION &PRACTICALS		FULL SYLLABUS	revision	प्री बोर्ड 1 सम्पूर्ण पाठ्यक्रम
9	<b>JANUARY</b>	revision	REVISION OF WHOLE SYLLABUS (PRE BOARD 2 SYLLABLES) COMPLETE SYLLABUS ACCORDING TO CBSE PRACTICALS	Chapter wise Revision+ Test Series	REVISION &PRACTICALS			Revision	अप्रैल से अगस्त तक करवाए गए पाठों का दोहरान मॉडल पेपर अभ्यास
10	<b>FEBRUARY</b>	revision		Full Syllabus Test Series Based on CBSE Blue print.	REVISION &PRACTICALS			Revision	सितम्बर से दिसंबर तक करवाए गए पाठों का दोहरान मॉडल पेपर अभ्यास
11	<b>MARCH (AE SYLLABUS tentative date- 01 MAR 2024- 16 MAR 2024)</b>				FULL SYLLABUS		Complete Syllabus	Complete syllabus	वार्षिक परीक्षा समस्त पाठ्यक्रम

S.NO	MONTHS	ENGLISH	BIOLOGY	MATHS	PHYSICS	CHEMISTRY	PHYSICAL EDU.	COMPUTER SCIENCE	HINDI
1	APRIL								NIL
2	MAY (SUMMER VACATIONS 14 <sup>th</sup> MAY TO 25 <sup>th</sup> JUNE 2023)		INTRODUCTION OF BIOLOGY AND SYLLABUS EXPLANATION .	Chapter - 1. Sets Chapter - 2. Relation & Function		Classification of elements and periodicity in Properties			NIL
3	JULY	Hornbill - ch.-1, Poem -1, Tenses, Notice, Novel Ch. 1 Snapshot ch. 1, & ch. 2, Poster, advertisement, Novel Ch. 2	CH- THE LIVING WORLD CH- BIOLOGICAL CLASSIFICATION CH – PLANT KINGDOM	Chapter - 3. Trigonometry Function Chapter - 5. Complex Numbers and Quadratic equation	Ch-2: Units and Measurements	Structure of atom	Unit 1 Management of Sporting Events  Unit 2 Children and women in Sports	Basic computer organisation, Types of software, memory units, compiler, OS	आरोह - नमक का दरोगा, कबीर संचार अर्थ, प्रकार, जनसंचार के माध्यम
	AUGUST	Hornbill Ch. 2, & Ch. 3, Poem 3, Speech, Report, Novel Ch. 3	CH – ANIMAL KINGDOM  CH- MORPHOLOGY OF FLOWERING PLANTS	Chapter - 6. Linear Inequality Chapter - 7. Permutations and Combinations	Ch – 1,2,3,4,5	Chemical bonding and molecular structure	Unit 3 Yoga  Unit 4 Sports and Nutrition	Boolean logic, Number system, Encoding Schemes	
4	(PT-1 SYLLABUS) TENTATIVE DATE-16 AUGUST-21 AUGUST 2023	Snapshot ch. 3, & Ch. 4, Modals, Article, Novel Ch.4	CH – THE LIVING WORLD CH – BIOLOGICAL CLASSIFICATION CH – PLANT KINGDOM PLANTAE	Chapter - 1 to Chapter - 7	Ch-3: Motion in a Straight Line Ch-4: Motion in a Plane Ch-5: Laws of Motion		Unit 5 Phy Edu and Sports for CWSN  Unit 6 Test and measurement in Sports	Basic computer organisation, Types of software, memory units, compiler, OS Boolean logic, Number system, Encoding Schemes,	मियां नसीरुद्दीन, मीरा वितान- पाठ 1 अपठित गद्यांश , पत्र , रचनात्मक लेख (U.T.1 SYLLABUS जुलाई और अगस्त में पढाया गया समस्त पाठ्यक्रम)
5	SEPTEMBER	Hornbill Ch. 5, Poem 4 , Letter Writing, Novel Ch. 5	CH- ANATOMY OF FLOWERING PLANTS CH-. STRUCTURAL ORGANIZATION IN ANIMALS	Chapter - 8. Binomial theorem Chapter - 9. Sequence and Series	Ch-6: Work, Energy and Power Ch-7: System of Particles and Rotational Motion Ch-8: Gravitation	Redox reaction, chemical thermodynamics	Unit 1,2,3	Introduction to Python, Operators and types	अप्पू के साथ ढाई साल, विदाई संभाषण, भवानी प्रसाद मिश्र, त्रिलोचन ,राज. की रजत बूँदें अपठित पद्यांश

			CH – CELL: THE UNIT OF LIFE CH- BIOMOLECULES						
	<b>(HALF YEARLY SYLLABUS AND TENTATIVE DATES - 03 OCT TO 13 OCT 2023)</b>		CH – THE LIVING WORLD CH – BIOLOGICAL CLASSIFICATION CH – PLANT KINGDOM PLANTAE CH – ANIMAL KINGDOM CH – MORPHOLOGY OF FLOWERING PLANTS CH – ANATOMY OF FLOWERING PLANTS CH- STRUCTURAL ORGANIZATION IN ANIMALS CH - CELL : THE UNIT OF LIFE CH - BIOMOLECULES	Chapter -1 to Chapter - 9	Ch – 1,2,3,4,5,6,7,8		Unit 7 Physiology and Injuries in Sports  Unit 8 Biomechanics and Sports	Basic computer organisation, Types of software, memory units, compiler, OS, Boolean logic, Number system, Encoding Schemes, Introduction to Python, Operators and types	डायरी लेखन , स्ववृत्त लेखन कविता एवं कहानी के तत्व लेखन पिछला दोहरान (H.Y. SYLLABUS जुलाई से सितम्बर तक पढ़ाया गया समस्त पाठ्यक्रम )
6	<b>OCTOBER</b>	Snapshot ch. 5 , & Ch. 7 , Active- Passive Voice, Novel Ch. 6 , Hornbill Ch. 6, Poem 5, Letter Writing	CH-. CELL CYCLE AND CELL DIVISION CH – PHOTOSYNTHESIS IN HIGHER PLANTS CH – RESPIRATION IN PLANTS		Ch-9: Mechanical Properties of Solids Ch-10: Mechanical Properties of Fluids Ch-11: Thermal Properties of Matter		Unit 1,2,3,4,5,7	Revision for HY	रजनी , दुष्यंत कुमार समाचार लेखन , पटकथा लेखन, नाटक के तत्व
7	<b>NOVEMBER(AUTUMN BREAK- 06 NOV TO 15 NOV 2023 )</b>	Snapshot ch. 8, Grammaar - Determiners, Letter Writing	CH-. PLANT GROWTH AND DEVELOPMENT CH – BREATHING AND EXCHANGE OF GASES	Chapter - 10. Straight lines Chapter - 11. Conic sections	Ch-12: Thermodynamics Ch-13: Kinetic Theory	Equilibrium	Revision	Conditional statements	जामुन का पेड़, अक्क महादेवी पत्रकारिता, फीचर, आलेख, रोजगार सम्बन्धी

			CH-. BODY FLUIDS AND CIRCULATION						आवेदन
8	(PT-2 SYLLABUS TENTATIVE DATE- 18 DEC 2023 - 23 DEC 2023)	Practice of Grammar topics and Writing tasks Revision of all lessons, long reading text, grammar and writing section	CH - CELL CYCLE AND CELL DIVISION CH – PHOTOSYNTHESIS IN HIGHER PLANTS CH – RESPIRATION IN PLANTS CH-. PLANT GROWTH AND DEVELOPMENT	Chapter - 12. Introduction of 3D Chapter - 13. Limits and Derivatives	Ch-14: Oscillations Ch-15: Waves		Unit 9 Physiology and Sports	String, List, Tuples,	भारत माता, पाश
	DECEMBER (Winter Break 24 Dec 2023 to 07Jan 2024)		CH – EXCRETORY PRODUCTS AND THEIR ELIMINATION CH – LOCOMOTION AND MOVEMENT CH – NEURAL CONTROL AND COORDINATION	Chapter - 10 to Chapter - 13	FULL SYLLABUS		Unit 10 Training in Sports	Conditional statements, String, List, Tuples,	अक्टूबर और नवम्बर में पढाया गया समस्त पाठ्यक्रम
9	JANUARY		CH – CHEMICAL COORDINATION AND INTEGRATION	Chapter - 15. Statistics Chapter - 16. Probability	REVISION & PRACTICALS	Organic chemistry some basic principles and techniques	Unit 8,9,10	Dictionary, Modules	निर्मला पुतुल, आलो आंधारि
10	FEBRUARY		REVISION	Quick Revision+ Test Series	REVISION & PRACTICALS	Hydrocarbons		Security Law and Ethics	समस्त पाठ्यक्रम में से कठिन अंशों का दोहरान
11	MARCH (AE SYLLABUS tentative date- 01 MAR 2024- 16 MAR 2024)		<b><u>ANNUAL EXAM</u></b>		FULL SYLLABUS		Complete Syllabus	Complete Syllabus	वार्षिक परीक्षा समस्त पाठ्यक्रम