

ARMY PUBLIC SCHOOL DAMANA
COORDINATED SYLLABUS (2023-2024)

CLASS: X

SUBJECT-ENGLISH

MONTH	EXAM	TOPIC
APRIL (21)		<p><u>FIRST FLIGHT</u></p> <ul style="list-style-type: none"> • A LETTER TO GOD • DUST OF SNOW • FIRE AND ICE • NELSON MANDELA: LONG WALK TO FREEDOM <p><u>FOOTPRINTS WITHOUT FEET</u></p> <ul style="list-style-type: none"> • A TRIUMPH OF SURGERY <p><u>WRITING SKILLS</u></p> <ul style="list-style-type: none"> • LETTER TO THE EDITOR <p><u>GRAMMAR</u></p> <ul style="list-style-type: none"> • TENSES • REORDERING OF SENTENCES
MAY(25)	PA1(15 MAY-22 MAY 2023)	<p><u>FIRST FLIGHT</u></p> <ul style="list-style-type: none"> • TWO STORIES ABOUT FLYING • A TIGER IN THE ZOO <p><u>FOOTPRINTS WITHOUT FEET</u></p> <ul style="list-style-type: none"> • THE THIEF’S STORY • THE MIDNIGHT VISITOR <p><u>WRITING SKILLS</u></p> <ul style="list-style-type: none"> • ANALYTICAL PARAGRAPH WRITING <p><u>GRAMMAR</u></p> <ul style="list-style-type: none"> • SUBJECT -VERB AGREEMENT
JUNE(10)		<p><u>FIRST FLIGHT</u></p> <ul style="list-style-type: none"> • FROM THE DIARY OF ANNE FRANK • HOW TO TELL WILD ANIMALS • THE BALL POEM <p><u>FOOTPRINTS WITHOUT FEET</u></p> <ul style="list-style-type: none"> • A QUESTION OF TRUST • FOOTPRINTS WITHOUT FEET <p><u>WRITING SKILLS</u></p> <ul style="list-style-type: none"> • LETTER OF COMPLAINT (OFFICIAL) <p><u>GRAMMAR</u></p> <ul style="list-style-type: none"> • MODALS
JULY(18)	PA1(17 JULY-24 JULY 2023)	<p><u>FIRST FLIGHT</u></p> <ul style="list-style-type: none"> • GLIMPSES OF INDIA • AMANDA <p><u>FOOTPRINTS WITHOUT FEET</u></p> <ul style="list-style-type: none"> • THE MAKING OF A SCIENTIST <p><u>WRITING SKILLS</u></p> <ul style="list-style-type: none"> • LETTER OF COMPLAINT (BUSINESS) <p><u>GRAMMAR</u></p> <ul style="list-style-type: none"> • DETERMINERS • GAP-FILLING +REVISION
AUGUST(24)		<p><u>FIRST FLIGHT</u></p> <ul style="list-style-type: none"> • MIJBIL THE OTTER • THE TREES

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CLASS: X

SUBJECT: MATHEMATICS

MONTH/DAYS	EXAMINATION	CONTENT
APRIL (21)		<ul style="list-style-type: none"> • Real Numbers • Polynomials
MAY(25)	PA1(15 MAY-22 MAY 2023)	<ul style="list-style-type: none"> • Linear Equation in Two Variable • Quadratic Equation
JUNE(10)		<ul style="list-style-type: none"> • Arithmetic Progression • Coordinate Geometry

JULY(18)	PA1(17 JULY-24 JULY 2023)	<ul style="list-style-type: none"> • Triangles • Circles
AUGUST(24)		<ul style="list-style-type: none"> • Trigonometry • Some Application of Trigonometry
SEPTEMBER(23)	PA2(18 SEP-29 SEP 2023)	<ul style="list-style-type: none"> • Areas related to circles
OCTOBER(23)		<ul style="list-style-type: none"> • Surface area and volume • Statistics
NOVEMBER(20)	PB1 (6 NOV-28 NOV2023)	Revision for Pre Board
DECEMBER(19)	PB II (18 DEC-30 DEC 2023)	Revision and practice of CBSE Sample papers
JANUARY(20)	PB III (15 JAN- 29 JAN 2024)	Revision and practice of CBSE Sample papers
FEBRUARY(24)+MARCH	ANNUAL EXAMINATION	Revision and practice of CBSE Sample papers

CLASS: X

SUB: SCIENCE

MONTH	EXAM	TOPIC
APRIL (21)		<p>PHY: Ch-10 Light:Reflection and Refraction(Reflection, Laws of reflection, Characteristics of images formed by plane mirror, Spherical mirrors-terms related to spherical mirrors, Rules for tracing images formed by spherical mirrors,) Light (Image formation by a concave mirror in different positions of the object, Image formation byconvex mirror)</p> <p>CHE: Ch.1 Chemical Reactions & Equations</p>

		<p>Characteristics of Chemical Reaction, Chemical Equations</p> <p>BIO: Ch 6 Life Processes: Basic concept of different life processes ; nutrition and respiration in human beings</p> <p>Ch-6 Life processes contd. Transportation and excretion in plants and animals Discussion of exercise questions. Ch- 7 Control and Coordination Introduction; Reflex Action and reflex arc</p>
MAY(25)	PA1(15 MAY-22 MAY 2023)	<p>Phy: Ch10-Light (Mirror Formula Magnification formula for mirrors Refraction & Laws of refraction, Refractive Index, Spherical lens- Convex & Concave lens. Refraction by Spherical lens, some important terms related to spherical lens Image formation, Lens formula, Linear magnification by lens, power of lens)</p> <p>Chem: Ch.1 Chemical Reactions & Equations (Types of Chemical reactions, Combination reaction, decomposition reaction, displacement reaction, double displacement reaction, redox reaction, Corrosion and rancidity)</p> <p>Bio: Ch- 7 Control and Coordination Contd. Tropic movements in plants; Introduction of plant hormones and their functions.</p>
JULY(18)	PA1(17 JULY-24 JULY 2023)	<p>Phy: Ch11 Ch Human eye and the colourful world (Human Eye, Defects of vision and their correction, Refraction through Prism, Dispersion, Atmospheric refraction, Scattering of light)</p> <p>CHEM: 2. Acids, Bases & Salts (Introduction- Understanding the physical and chemical properties of acids and bases, types of indicators PH and its importance in everyday life More about Salts like bleaching powder, baking soda, Washing soda, POP)</p> <p>BIO: Ch 7 -Control and Coordination Control and co-ordination in animals: Hormones in Animals; Human Endocrine glands, their secretions and functions. Discussion of exercise questions Ch 8- How Do Organisms Reproduce? Brief Introduction; Importance of Variations</p>
AUGUST(24)		<p>PHY: Ch12 Electricity (Electric current and circuit, Electric potential and potential difference, Ohm's Law factors on which the resistance of a conductor depends, resistance of a system of resistors, Heating effect of electric current, Electric</p>

		<p>power) CHE:3. Metals & Non-Metals (Introduction-Physical and chemical properties of metals and non-metals, metallurgical processes, Corrosion and its prevention) BIO: Ch 8 – How do organisms reproduce contd.</p> <p>Reproduction in animals and plants (asexual and sexual); reproductive health - need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health. Discussion of exercise questions</p>
SEPTEMBER(23)	PA2(18 SEP-29 SEP 2023)	REVISION
OCTOBER(23)		<p>CH 13 Magnetic effects of Electric Current (Magnetic field and field lines Magnetic Field due to a current carrying conductor, Right Hand Thumb Rule, Force acting on a current carrying conductor when kept in a magnetic field,) CHEM: 4. Carbon & its Compounds (Bonding in carbon and in other molecules, Versatile nature of carbon, Saturated and unsaturated hydrocarbons, Nomenclature) Ch 9- Heredity and Evolution Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction: evolution; evolution and classification; fossils Discussion of exercise question Domestic Electric Circuits CHEM: 4. Carbon & its Compounds Chemical properties of carbon and its compounds, Soaps and detergents) Ch-5 Periodic Classification of Elements: (Dobereiner's Triads, Newlands' Law of Octaves, Mendeleev's periodic table, The Modern Periodic table)</p> <p>BIO Ch-15. Our Environment Eco-system, Environmental problems, Ozone depletion, waste production and their solutions.</p> <p>Biodegradable and non-biodegradable substances Ch- 16 Management of Natural Resources General talk on the Topic Discussion and presentation of Project work on Management of Natural resources</p>
NOVEMBER(20)	PB1 (6 NOV-28 NOV2023)	REVISION
DECEMBER(19)	PB II (18 DEC-30 DEC 2023)	REVISION
JANUARY(20)	PB III (15 JAN- 29 JAN 2024)	REVISION
FEBRUARY(24)+MARCH	ANNUAL EXAMINATION	REVISION

CLASS: X

SUB: S.SC

Prescribed Books -

- 1. Contemporary India –II**
- 2. Democratic Politics – II**
- 3. Understanding Economic Development**
- 4. India and the contemporary world –II**

MONTH	EXAM	TOPIC
APRIL (21)		HIS-L-1. The Rise of Nationalism in Europe GEOL-1.Resources and Development POL.SCL-1. Power Sharing ECOL-1.Development
MAY(25)	PA1(15 MAY-22 MAY 2023)	L-1 Nationalism in Europe –contd HISL-2Nationalism in India- Intro GEO L-2Forest and Wildlife
JUNE(10)		HIS L-2 Nationalism in India...Contd GEO L-3 Water Resources ECO L-2Sectors of the Indian Economy POL.SC L-2Federalism
JULY(18)	PA1(17 JULY-24 JULY 2023)	HIS L-3The Making of a Global World GEO L-4 Agriculture ECO L-3 Money and Credit POL SC. L-4Gender, Religion and Caste
AUGUST(24)		GEO L-5 Minerals and Energy Resources POL SC L-5Political Parties
SEPTEMBER(23)	PA2(18 SEP-29 SEP 2023)	GEO L-6 Manufacturing Industries POL. SCL-6Outcomes of Democracy HIS L-4The Age Of Industrialization
OCTOBER(23)		ECO L-4 Globalization and the Indian Economy HIS L-5Print Culture and the Modern World GEO L-7Life Lines of National Economy
NOVEMBER(20)	PB1 (6 NOV-28 NOV2023)	HIS- REVISION GEO -REVISION

		ECO- REVISION POL. SC- REVISION
DECEMBER(19)	PB II (18 DEC-30 DEC 2023)	REVISION SAMPLE PAPERS
JANUARY(20)	PB III (15 JAN- 29 JAN 2024)	REVISION SAMPLE PAPERS
FEBRUARY(24)+MARCH	ANNUAL EXAMINATION	REVISION FINAL EXAMS

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CLASS: X

SUB: IT (402)

MONTH	EXAM	TOPIC
APRIL (21)		<ul style="list-style-type: none"> Introduction to Vocational Course UNIT 1: Digital Documentation

		<ol style="list-style-type: none"> 1. Create And Apply Styles In The Document 2. Insert And Use Images Employability Skill <ul style="list-style-type: none"> • Communication Skill
MAY(25)	PA1(15 MAY-22 MAY 2023)	Digital Documentation <ol style="list-style-type: none"> 3. Create And Use Template 4. Create And Customize Table Of Contents Employability Skill <ul style="list-style-type: none"> • Communication Skill
JUNE(10)		5. Mail Merge & Printing Labels <ul style="list-style-type: none"> • Self Management Skill
JULY(18)	PA1(17 JULY-24 JULY 2023)	UNIT 2: Electronic Spreadsheet-Calc Software <ol style="list-style-type: none"> 1. Analyse Data Using Scenarios And Goal Seek 2: Link Data And Spreadsheets Session
AUGUST(24)		Electronic Spreadsheet-Calc Software <ol style="list-style-type: none"> 3: Share And Review A Spreadsheet 4: Create And Use Macros In Spreadsheet
SEPTEMBER(23)	PA2(18 SEP-29 SEP 2023)	UNIT 3: Database Management System <ol style="list-style-type: none"> 1. Appreciate The Concept Of Dbms 2. Create And Edit Tables Using Wizard And SQL Commands
OCTOBER(23)		Database Management System <ol style="list-style-type: none"> 3. Perform Operations On Table 4. Retrieve Data Using Query 5. Create Forms And Reports Using Wizard UNIT 4: Web Applications & Security <ol style="list-style-type: none"> 1. Working With Accessibility Options 2. Networking Fundamentals 3. Introduction To Instant Messaging 4. Chatting With A Contact – Google Talk 5. Creating And Publishing Web Pages – Blog 6. Using Offline Blog Editors 7. Online Transactions
NOVEMBER(20)	PB1 (6 NOV-28 NOV2023)	Web Applications & Security <ol style="list-style-type: none"> 8. Internet Security 9. Maintain Workplace Safety 10. Prevent Accidents & Emergencies 11. Protect Health And Safety At Work Software. Employability Skill <ul style="list-style-type: none"> • Entrepreneurship Skill
DECEMBER(19)	PB II (18 DEC-30 DEC 2023)	<ul style="list-style-type: none"> • Green Skills
JANUARY(20)	PB III (15 JAN- 29 JAN 2024)	<ul style="list-style-type: none"> • Revision
FEBRUARY(24)+MARCH	ANNUAL EXAMINATION	<ul style="list-style-type: none"> • Revision

