Jagat Taran Golden Jubilee School, Prayagraj Syllabus Break-up 2025-26 CLASS XII (Month Wise)



PHYSICS (042)

S.NO.	MONTH	CHAPTER	PRACTICALS/ ACTIVITIES
1.	APRIL	 UNIT – 1: ELECTROSTATICS CHAPTER – 1: ELECTRIC CHARGES AND FIELDS. CHAPTER – 2 ELECTROSTATIC POTENTIAL AND CAPACITANCE. 	1. TO DETERMINE RESISTIVITY OF TWO/THREE WIRES BY PLOTTING A GRAPH FOR POTENTIAL DIFFERENCE VERSUS CURRENT.
3.	JULY	UNIT – 1: ELECTROSTATICS • CHAPTER – 2 ELECTROSTATIC POTENTIAL AND CAPACITANCE. UNIT – 2: CURRENT ELECTRICITY • CHAPTER – 3 CURRENT ELECTRICITY. UNIT – 3: MAGNETIC EFFECTS OF CURRENT AND MAGNETISM • CHAPTER – 4 MOVING CHARGES AND MAGNETISM. UNIT – 3 UNIT – 3	2. TO DETERMINE ANGLE OF MINIMUM DEVIATION FOR A GIVEN PRISMBY PLOTTING A GRAP BETWEEN INCIDENT ANGLE & ANGLE OF DEVIATION. 3. TO FIND RESISTANCE OF A GIVEN WIRE USING METER BRIDGE. 4. TO FIND FOCAL LENGTH OF A CONVEX LENS BY PLOTTING GRAPHS BETWEEN u and v OR BETWEEN 1/u and 1/v. ACTIVITY 1: TO ASSEMBLE THE COMPONENTS OF A GIVEN ELECTRICAL CIRCUIT. 5. TO VERIFY LAWS OF COMBINATION (SERIES/PARALLEL) OF RESISTANCES USING METER BRIDGE. . ACTIVITY 2: TO ASSEMBLE A GIVEN HOUSEHOLD CIRCUIT. 6. TO FIND THE
4.	AUGUST	• CHAPTER – 5 MAGNETISM AND MATTER.	VALUE OF v FOR DIFFERENT VALUES OF u IN CASE OF A

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		UNIT – 4 : ELECTROMAGNTIC INDUCTION AND ALTERNATING CURRENTS • CHAPTER – 6 ELECTROMAGNETIC INDUCTION. UNIT – 4 • CHAPTER – 7 ALTERNATING CURRENT. UNIT – 5: ELECTROMAGNETIC WAVES	CONCAVE MIRROR AND TO FIND FOCAL LENGTH. 7. TO DETERMINE RESISTANCE OF A GALVANOMETER BY HALF – DEFLECTION METHOD AND TO FIND ITS FIGURE OF MERIT.
5.	SEPTEMBER	 CHAPTER − 8 ELECTROMAGNETIC WAVES. UNIT − 6: OPTICS CHAPTER − 9 RAY OPTICS AND OPTICAL INSTRUMENTS. (till refraction through prism). UNIT − 6 CHAPTER − 9 RAY OPTICS AND OPTICAL INSTRUMENTS. 	ACTIVITY 3: TO MEASURE RESISTANCE, VOLTAGE, CURRENT & CHECK THE CONTINUITY OF A CIRCUIT USING MULTIMETER. 8.TO FIND THE FOCAL LENGTH OF A CONVEX MIRROR, USING A CONVEX LENS.
		CHAPTER – 10 WAVE OPTICS. UNIT – 7: DUAL NATURE OF RADIATION AND MATTER	ACTIVITY 4: DIFFRACTION THROUGH THIN SLIT ACTIVITY 5: TO OBSERVE REFRACTION & LATERAL DEVIATIONOF A
6. 7.	OCTOBER NOVEMBER	CHAPTER – 11 DUAL NATURE OF RADIATION AND MATTER.	BEAM OF LIGHT INCIDENT OBLIQUELY ON A GLASS SLAB.
		UNIT_8 CHAPTER 12 ATOMS CHAPTER 13 NUCLIE UNIT - 9 : ELECTRONIC DEVICES • CHAPTER - 14 SEMICODUCTOR ELECTRONICS.	ACTIVITY 6: TO IDENTIFY DIODE, AN LED, A TRANSISTOR, AN 'IC', RESISTOR & CAPACITOR FROM A MIXED COLLECTION OF SUCH ITEMS. 09. TO DRAW THE I-V CHARACTERISTIC CURVE FOR A P-N
			JUNCTION DIODE IN FORWARD AND REVERSE BIAS. 10.TO CONVERT GIVEN GALVANOMETER (OF KNOWN RESISTANCE & FIGURE OF MERIT) IN TO VOTMETER OF DESIRED RANGE AND TO VERIFY THE SAME. OR TO CONVERT GIVEN GALVANOMETER (OF KNOWN RESISTANCE

	& FIGURE OF MERIT) IN TO AMMETER OF DESIRED RANGE AND TO VERIFY THE SAME

CHEMISTRY (043)

Sr.No.	Month	Chapter's Name
1.	April	Solutions: Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, Raoult's law, colligative properties relative lowering of vapour pressure, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass, Van't Hoff factor
2.	May	Electrochemistry: Redox reactions, EMF of a cell, standard electrode potential, Nernst equation and its application to chemical cells, Relation between Gibbs energy change and EMF of a cell, conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea), dry cell-electrolytic cells and Galvanic cells, lead accumulator, fuel cells, corrosion.
3.	July	Chemical Kinetics: Rate of a reaction(Average and instantaneous), factors affecting rate of reaction: concentration, temperature, catalyst; order and molecularity of a reaction, rate law and specific rate constant, integrated rate equations and half-life(only for zero and first orderreactions), concept of collision theory(elementary idea, no mathematical treatment), activation energy, Arrhenius equation. Dandf Block Elements: General introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first row transition metals - metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation, preparation and properties of K2Cr2O7 and KMnO4.Lanthanoids Electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction and its consequences. Actinoids Electronic configuration, oxidation states and comparison with lanthanoids.
4.	August	Coordination Compounds: Coordination compounds Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds. Bonding, Werner's theory, VBT, and CFT; structure and stereoisomerism, importance of coordination compounds(inqualitative analysis, extraction of metals and biological system). Haloalkanes and Haloarenes. Haloalkanes: Nomenclature, nature of C-X bond, physical and chemical properties, optical rotation mechanism of substitution

		reactions. Haloarenes: Nature of C-Xbond, substitution reactions(Directive influence of halogen in monosubstituted compounds only). Uses and environmental effects of dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.
5.	September	Alcohols Phenols and Ethers Alcohols: Nomenclature, methods of preparation, physical and chemica properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols, mechanism c dehydration, uses with special reference to methanol and ethanol. Phenols: Nomenclature, methods c preparation, physical and chemical properties, acidic nature of phenol, electrophillic substitution reactions uses of phenols. Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.
		Aldehydes, Ketones and Carboxylic Acids Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, uses. Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.
6.	October	Amines: Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary, secondary and tertiary amines
7.	November	Amines contd Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry. Biomolecules: Carbohydrates Classification (aldoses and ketoses), monosaccahrides (glucose and fructose), D-configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen Importance of carbohydrates. Proteins -Elementary idea of amino acids, peptide bond, polypeptides, proteins, structure of protein primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation c proteins; enzymes. Hormones - Elementary idea excluding structure. Vitamins-Classification and functions. Nucleic
		Acids: DNA and RNA.

MATHEMATICS (041)

S. NO.	MONTH	CONTENT	
1.	APRIL	Relations and Functions	
2.	MAY	Inverse Trigonometric FunctionsMatrices	
3.	JULY	Determinants.Continuity.	
4.	AUGUST	Differentiability.Application of derivatives	
5.	SEPTEMBER	Integrals.Applications of integrals	
6.	OCTOBER	Diffrential EquationsVectors Algebra	
7.	NOVEMBER	Three -Dimensional Geometry.Probability	
8.	DECEMBER	REVISION	

APPLIED MATHEMATICS (241)

S. NO.	MONTH	CONTENT
1.	APRIL	Number Quantification and Numerical Application.
2.	MAY	Numerical Inequalities.
		• Linear Programming.
3.	JULY	• Matrices
		• Determinants
4.	AUGUST	• Differentiation
		• Applications of Derivatives
5.	SEPTEMBER	• Integrals
		Deferential Equations
6.	OCTOBER	Perpetuity, sinking Fund and EMI
		Returns, Growth and Depreciation
7.	NOVEMBER	• Probability
		• Infretial Statistics
		• Time- Based Data
8.	DECEMBER	• REVISION

BIOLOGY (044)

Sr.No.	Month	Chapter's Name	
1.	April	Sexual Reproduction in flowering Plants	
2.	May	 Human Reproduction Reproductive Health Microbes in human welfare 	
3.	July	5. Human Health and Disease6. Organisms and Populations	
4.	Aug.	7. Ecosystem8. Biodiversity and its Conservation	
5.	Sept.	9. Biotechnology – Principles and Processes 10. Applications of Biotechnology 11. Principles of Inheritance	
7.	Oct.	12.Molecular Basis of Inheritance	
8.	Nov.	13.Evolution	

ECONOMICS (030)

Sr. No.	Month	Chapter's Name	
1.	April	 Circular flow of Income Basics Concepts of Macroeconomics Indian Economy on the Eve of Independence 	
2.	May	 National Income and Related Aggregates Money Banking 	
3.	July	 Methods of Calculating National Income Indian Economy (1950-1990) 	
4.	August	 Aggregate Demand and Related Concepts Income Determination and Multiplier Liberalisation, Privatisation and Globalisation: An Appraisal 	
5.	September	 Excess Demand and Deficient Demand Rural Development Human Capital Formation 	
6.	October	 Government Budget and the Economy Foreign Exchange Rate 	
7.	November	 Balance of Payment Employment : Growth, Informalisation and other issues Environment and Sustainable Development Comparative Development Experience of India and it's Neighbours 	
8.	December	Revision	

HISTORY (027)

Sr.no	Month	Chapter	Activity
1.	April	Themes in Indian History I Chapter-1 Bricks, Beads and Bones. The Harappan Civilisation	Map-Work Mature and Harappan sites.
2.	Мау	Themes in Indian History II Chapter-5 Through the Eyes of Travellers. Perceptions of society. Themes in Indian History III Chapter-9 Colonialism and the Countryside.	
3.	July	Themes in Indian History I Chapter-2 Kings, Farmers and Towns. Early states and economies. Themes in Indian History II Chapter-6 Bhakti Sufi Traditions.	Map-Work sixteen Mahajanpadas.
4.	August	Themes in Indian History I Chapter-3 Kinship, Caste and Class. Themes in Indian History III Chapter-10 Rebels and The Raj. 1857 Revolt and its Representations.	A PPT in implication of SHRIMAD BHAGWAT GITA in morden life.
5.	September	Themes in Indian History II Chapter-7 An Imperial Capital Vijaynagara. Themes in Indian History III Chapter-11 Mahatma Gandhi and The Nationalist Movement.	
6.	October	Themes in Indian History I Chapter-4 Thinkers, Beliefs and Buildings. Themes in Indian History II Chapter-8 Peasants, Zamindars and The State.	
7.	November	Themes in Indian History III Chapter-12 Framing The Constitution.	Debate.
8.	December	Pre-board Examinations.	

GEOGRAPHY (029)

MONTHS	LESSON NAME	ACTIVITY
APRIL	Geography: Book-I Fundamental of	Prepare a concept Map of
17 Days	Human Geography	the Ch-Human Geography
	Book-II India People and Economy	explaining the following:
	Book-I	Definition of Human Geog;
	L-1 Human Geography-Nature and	Nature, Scope, Schools of
	Scope	thought; branches of
	L-2 The World Population, Distribution,	Human Geog.
	Density and growth	
	Book-II	

	L-1 Population : Distribution, Density	
	Growth and Composition	
MAY	Book-II	
	L-1 Population: Distribution, Density,	
14 Days		
	Growth and Composition (contunued)	
	L-2 Human Settlements	
JULY 27 Days	Book-II	Mark & Label the following
27 Days	L-2 Human Settlements (Continued) L-3 Land Resources and Agriculture	on outline World Map: a. Major subsistence areas
	Book-l	b. Major Nomadic Herding
	L-3 Human Development	areas
	L-4 Primary Activities	c. Major Commercial
	2 4 Timary Activities	livestock rearing areas
		d. Major areas of extensive
		commercial grain farming.
AUGUST	Book-II	
22 Days	L-4 Water Resources	
,	L- 5 Mineral and Energy Resources	
	Book-I	
	L-5 Secondary Activities	
	L- 6 Tertiary and Quaternary Activities	
SEPTEMBER	Book-I	Make a list of ten Global
22 Days	L-6 Tertiary and Quarternary Activities (brands their logos and
22 5043	continued)	products on Activity
	Book-II	sheets
	L-6 Planning and Sustainable	3110013
	Development in Indian Context Book -I	
	L- 7 Transport and Communication	
OCTOBER	Book-I	Make a sketch/Poster
11 Days	L-7 Transport and Communication(about the environmental
,	continued)	conditions surrounding an
	L-8 International Trade	industry
	Book-II	
NOVEMBER	L-7 Transport and Communication Book-II	
20 Days	L- 7 Transport and Communication	
20 Days	(continued)	
	L-8 International Trade	
	L-9 Geographical Perspective on	
	Selected Issues and Problems	
	L- 9 Geographical Perspective on	
DECEMBER	Selected Issues and Problems (
25 Days	continued)	
(Till PREBOARD)	,	
(TIII F NLDUAND)		

ACCOUNTANCY (055)

Month	Syllabus	
April	Accounting for Partnership Firms – Fundamentals (Excluding Past Adjustments)	
May	Accounting for Partnership Firms – Fundamentals (Past Adjustments) Goodwill: Meaning, Nature, Factor affecting and need for	
	valuation. Methods for Calculation of Goodwill (Average profit, super profit, and capitalization),	
July	Admission of a Partner- effect of admission of a partner on change in the profit sharing ratio, treatment of goodwill. Treatment of revaluation of assets and reassessment of liabilities, treatment of reserves, accumulated profits and losses, preparation of capital, current account, and balance sheet, Adjustment of Capital, Change in profit sharing ratio among existing partners.	
August	Retirement and Death of a Partner, Dissolution of a Partnership Firm – Meaning, Types, Preparation of Realization account, Accounting for Share Capital.	
September	Accounting for Share Capital, Preparation of Balance Sheet, Comparative and Common Size Statements	
October	Accounting for Debentures, Financial Statement Analysis: Meaning, Significance, Importance and Limitations	
November	Dissolution of a Partnership Firm –Other related accounts, capital accounts of partners and cash/bank a/c, Accounting Ratios, Cash Flow Statements – Meaning, Objectives, Benefits, Cash and Cash Equivalents, Classification of Activities and preparation (as per AS 3 (Revised) (Indirect Method)).	
December	REVISION	

BUSINESS STUDIES (054)

Sr.no	Month	Chapter	
1.	April	Nature and Significance of Management	
2.	May	Principles of Management	
3.	July	Business Environment	
		Planning	
4.	August	Planning (Contd.)	
		Organising	
		Staffing	
5.	September	Directing	
		Controlling	
		Financial Management	
6.	October	Revision for PT-3 (Half Yearly)	
7.	November	Financial Market	
		Marketing Management	
		Consumer Protection	

ENGLISH (301)

Month	Flamingo	Vistas	Reading and Writing skills
APRIL	The Last LessonMy Mother at Sixty Six (poem)	➤ The Third Level	ReadingComprehensionNotice writing
MAY	Lost Spring	➤ The Tiger King	Letters to the Editor
JUNE	SUMMER VACATIONS WITH HOME	WORK	
JULY	Deep Water (Flamingo)Keeping Quiet (Poem)	➤ Journey to the End of the Earth	➤ Job Application
AUGUST	The Rattrap (Flamingo)A Thing of Beauty (Poem)	➤ The Enemy	➤ Article Writing
SEPTEMBER	IndigoPoets and Pancakes	On The Face of it	➤ Report-Writing
OCTOBER	The InterviewA Roadside Stand (Poem)	Memories of Childhood	➤ Invitation Writing & Replies
NOVEMBER	Going PlacesAunt Jennifer's Tigers (Poem)	Revision and Project	
DECEMBER	REVISION & 1st Pre-Board	REVISION & 1 st Pre- Board	REVISION & 1 st Pre-Board

ARTIFICIAL INTELLIGENT (843)

Month	Syllabus	
April	Part-B Unit:1 Python Programming-II	
May	Part-B Unit:2 Data Science Methodology: An Analytic Approach to Capstone Project	
July	Part-B Unit-3: Making Machines See	
August	Part-B Unit-5: Introduction to Big Data and Data Analytics	
	Part-B Unit-6: Understanding Neural Networks	
September	Part-B Unit-7 Generative AI	
	Part-B Unit-8: Data Storytelling	
October	Part-B Unit-4: AI with Orange Data Mining Tool	
	Part-A Unit-1: Communication Skills-IV	
	Part-A Unit-2: Self-Management Skills-IV	
November	Part-B Unit-4: AI with Orange Data Mining Tool	
	Part-A Unit-3: ICT Skills-IV	
	Part-A Unit-4: Entrepreneurial Skills-IV	
	Part-A Unit-5: Green Skills-IV	
December	REVISION	

COMPUTER SCIENCE (083)

Month	Syllabus	
April	Ch-1 Review of Python Basics	
May	Ch-2 Functions	
July	Ch-3 Exception Handling	
	Ch-4 Data File Handling	
August	Ch-4 Data File Handling	
September	Ch-5 Data Structures in Python	
October	Ch-7 Relational Database and SQL	
November	Ch-7 Relational Database and SQL	
	Ch-8 Interface Python with SQL	
December	Ch-8 Interface Python with SQL	
	Ch-6 Computer Networks	

INFORMATICS PRACTICES (065)

MONTH	TOPICS/CHAPTERS	LAB WORK
April	Chapter 3 Review of database Concepts and SQL Chapter 4 Database Query using SQL	Practical of SQL commands. Practical of single Row functions and Multiple Row Functions
May	Database Query using SQL(cont.)	
July	Chapter 1 Data Handling using Pandas up till comparing the Series	 Creating Series using series() method Naming a Series Accessing data from a Pandas series Mathematical operations on series. Vector operations Retrieving and deleting elements from a series. Comparing the series.
August	Data Handling using Pandas contd. Data	8. Dataframe Creation. 9. Iterations in dataframe
	Visualization using Matplotlib	10. Binary operations 11. Combining data frame 12. Boolean indexing 13. CSV file
September	Chapter 5 Computer Networks	Practical implementation of Matplotlib
October	Societal Impacts	
November	Revision of entire syllabus	

PHYSICAL EDUCATION (048)

APRIL	Chapter-1 Management of Sporting Events
	 Functions of Sports Events Management (Planning, Organising, Staffing,
	Directing & Controlling)
	 Various Committees & their Responsibilities (pre; during & post)
	 Fixtures and their Procedures – Knock Out (Bye & Seeding) & League
	(Staircase, Cyclic, Tabular method) and Combination tournaments
	 Intramural & Extramural tournaments – Meaning, Objectives & Its
	Significance
	Community sports program (Sports Day, Health Run, Run for Fun, Run
	for Specific Cause & Run for Unity)
MAY	Chapter-2 Children & Women in Sports
	 Exercise guidelines of WHO for different age groups
	 Common postural deformities-knock knees, flat foot, round shoulders,
	Lordosis, Kyphosis, Scoliosis, and bow legs and their respective
	corrective measures
	 Women's participation in Sports – Physical, Psychological, and social
	benefits
	 Special consideration (menarche and menstrual dysfunction)
	 Female athlete triad (osteoporosis, amenorrhea, eating disorders)
JULY	Chapter-3 Yoga as Preventive measures for Lifestyle Disease
	Obesity: Procedure, Benefits & Contraindications for Tadasana,
	Katichakrasana, Pavanmuktasana, Matsayasana, Halasana,
	Pachimottansana, Ardha – Matsyendrasana, Dhanurasana, Ushtrasana,
	Suryabedhan pranayama
	Diabetes: Procedure, Benefits & Contraindications for Katichakrasana,
	Pavanmuktasana, Bh ujangasana, Shalabhasana, Dhanurasana, Supta -
	vajarasana, Paschimottanasan -a, Ardha - Mastendrasana, Mandukasana,
	Gomukasana, Yogmudra, Ushtrasana, Kapalabhati
	 Asthma: Procedure, Benefits & Contraindications for Tadasana,
	Urdhwahastottansan a, UttanMandukasan - a, Bhujangasana,
	Dhanurasana, Ushtrasana, Vakrasana, Kapalbhati, Gomukhasana
	Matsyaasana, Anuloma -Viloma
	Hypertension: Procedure, Benefits & Contraindications for Tadasana,
	Katichakransan, Uttanpadasana, Ardha Halasana, Sarala Matyasana,
	Gomukhasana, UttanMandukasan -a, Vakrasana, Bhujangasana,
	Makarasana, Shavasana, Nadi - shodhanapranayam, Sitlipranayam
	Back Pain and Arthritis: Procedure, Benefits & Contraindications of
	Tadasan, Urdhawahastootansa na, ArdhChakrasana, Ushtrasana,
	Vakrasana, Sarala Maysyendrsana, Bhujandgasana, Gomukhasana,
	Bhadrasana, Makarasana, NadiShodhana pranayama

JULY	Chapter-4 Physical Education & Sports for CWSN (Children with Special		
	Need - Divyang		
	 Organizations promoting Disability Sports (Special Olympics; 		
	Paralympics; Deaflympics)		
	 Concept of Classification and Divisioning in Sports 		
	Concept of Inclusion in sports, its need, and Implementation		
	Advantages of Physical Activities for children with special needs		
	Strategies to make Physical Activities assessable for children with		
	special needs		
AUGUST	Chapter-5 Sports & Nutrition		
	Concept of balanced diet and nutrition		
	Macro and Micro Nutrients: Food sources & functions		
	Nutritive & NonNutritive Components of Diet		
	Eating for Weight control – A Healthy Weight, The Pitfalls of Dieting,		
	Food Intolerance, and Food Myths		
	Importance of Diet in Sports-Pre, During and Post competition		
	Requirements		
SEPTEMBER	Chapter-6 Test & Measurement in Sports		
32. 12.11.52.11	Fitness Test — SAI Khelo India Fitness Test in school: Age		
	group 5-8 years/ class 1-3: BMI, Flamingo Balance Test,		
	Plate Tapping Test Age group 9-18yrs/ class 4-12: BMI,		
	50mt Speed test, 600mt Run/Walk, Sit & Reach flexibility		
	test, Strength Test (Partial Abdominal Curl Up, Push-Ups		
	for boys, Modified Push-Ups for girls)		
	Measurement of Cardio -Vascular Fitness – Harvard Step		
	Test – Duration of the Exercise in Seconds x100/5.5 X		
	Pulse count of 1 -1.5 Min after Exercise		
	Computing Basal Metabolic Rate (BMR)		
	Rikli & Jones - Senior Citizen Fitness Test		
	Chair Stand Test for lower body strength		
	Arm Curl Test for upper body strength		
	Chair Sit & Reach Test for lower body flexibility		
	Back Scratch Test for upper body flexibility		
	Eight Foot Up & Go Test for agility		
	Six -Minute Walk Test for Aerobic Endurance		
	Johnsen – Methney Test of Motor Educability (Front Roll,		
	Roll, Jumping Half-Turn, Jumping full-turn		
SEPTEMBER	Chapter-7Physiology&InjuriesinSports		
JEI TEIVIDER	Physiological factors determining components of physical fitness		
	Effect of exercise on the Muscular System		
	Effect of exercise on the CardioRespiratory System		
	Physiological changes due to aging		
	 Sports injuries: Classification (Soft Tissue Injuries - Abrasion, Contusion, 		
	Laceration, Incision, Sprain & Strain; Bone & Joint Injuries - Dislocation,		
	Fractures - Green Stick, Comminuted, Transverse Oblique & Impacted)		
	Tractares Steem Stick, Comminuted, Transverse Oblique & Impacted)		
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OCTOBER	Chantar 9 Diamachanics 9 Sports		
OCTOBER	Chapter-8 Biomechanics & Sports		
	 Newton's Law of Motion & its application in sports 		
	 Types of Levers and their application in Sports 		
	 Equilibrium – Dynamic & Static and Centre of Gravity and its 		
	application in sports		
	Friction & Sports		
	Projectile in Sports		
OCTOBER	Chapter-9 Psychology & Sports		
	 Personality; its definition & types (Jung Classification & Big Five 		
	Theory)		
	Motivation, its type & techniques		
	Exercise Adherence: Reasons, Benefits & Strategies for Enhancing it		
	 Meaning, Concept & Types of Aggressions in Sports 		
	 Psychological Attributes in Sports – Self-Esteem, Mental Imagery, Self- 		
	Talk, Goal Setting		
NOVEMBER	Chapter-10 Training in Sports		
	Concept of Talent Identification and Talent Development in Sports		
	Introduction to Sports Training Cycle – Micro, Meso, Macro Cycle		
	 Types & Methods to Develop – Strength, Endurance, and Speed. 		
	 Types & Methods to Develop – Flexibility and Coordinative Ability 		
	Circuit Training - Introduction & its importance		

HINDI (302)

माह	आरोह-2	वितान-2	अभिव्यक्ति और माध्यम
अप्रैल	^{पह} आत्म परिचय, एक गीत गद्य-भक्तिन		अपठित गद्यांश एवं पद्यांश पाठ -3
मई	^{पद्य} पतंग गद्य बाजार दर्शन	सिल्वर वैडिंग	अप्रत्याशित लेखन ,पत्र पाठ -4,
जुलाई	पद्य कविता के बहाने, बात सीधी थी पर गद्य काले मेघा पानी दे	ज्झ	पाठ-5,11
अगस्त	^{पद्य} कैमरे में बंद अपाहिज, उषा गद्य पहलवान की ढोलक		पाठ-12,13
सितंबर	पद्य बादल राग गद्य शिरीष के फूल	अतीत में दबे पाँव	पुनरावृत्ति
अक्टूबर	पद्य कवितावली, लक्ष्मण मूर्छा और राम का विलाप		पुनरावृत्ति

नवम्बर	पद्य रुबाइयाँ,छोटा मेरा खेत, बगुले के पंख	पुनरावृत्ति
	गद्य श्रम विभाजन और जातिप्रथा एवं मेरी कल्पना का आदर्श समाज	
दिसम्बर	पुनरावृत्ति	

GENERAL STUDIES (503)

April	Chapter -1 Science, Technology and Society	
May	Chapter -2 Contemporary Problems of Indian Society	
July	Chapter -3 Cultural Heritage of India	
August	Chapter -4 National Struggle for India's Freedom	
September	Chapter -5 Constitutional Obligations: Basic Principles of Indian Constitution	
October	Revision for Half Yearly	
November	Chapter -6 Human Rights	
	Art Integrated Project:1 Create a slogan in English or Hindi using around 10 words and write it digitally using any suitable App like Canva. Choose any one topic: (i) Education (ii) Gender Discrimination (iii) Unity in Diversity (iv) Child Labour Use any beautiful scenery of Arunachal Pradesh as background. Submit its colour hardcopy in school by 31-07-2025 Projects:2 (1) India of My Dream (2) Where do I see myself after five years and how am I going to achieve it?	

SUPW (500)

Month	TOPICS
April	BOHO PAINTING
	LORD GANESHA
May	ABSTRACT ART
	QUILLING
July	CUBISM
	GOND ART
	FLOWER BOUQUET
August	PAPER FLOWER
	MOSAIC PATTERN
	SOAP BASKET
September	MOTIFS ART
	REVISION WORK
October	POSTER
	OPTICAL ILLUSION
	WALL HANGING
November	MODERN ART
	Silhouette Painting
December	CARD
	REVISION WORK

POLITICAL SCIENCE (028)

<u>S.N.</u>	Month	Name of the chapter
1.	April	Challenges of Nation Building
2.	May	● The End of Bipolarity
3.	July	• Era of One Party Dominance
		Politics of Planned
		Development
		Contemporary Centers of Power
4.	August	Contemporary South Asia
		Challenges to and Restoration
		of the congress system. • India's External Relations
		• India's External Relations
5.	September	• The Crisis of Democratic Order.
		 International Organisations
		• Security in the Contemporary World
6.	October	Regional Aspirations
		Environment and Natural Resources
7.	November	Recent developments in Indian politics
-		• Globalization
8.	December	REVISION
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