

# NIRJA SAHAY DAV PUBLIC SCHOOL , KANKE

EXAMINATION – “TARGET -50”

SESSION – 2022-23

## SYLLABUS

### SUBJECT – MATHS

*(Impossible is a word only to be found in the dictionary of fools)*

CLASS	PORTION	
III	Addition and subtraction. Multiplication. Division. Numbers up to 999999. Day, Date and Time. Time and Calendar	Money. Length. Weight. Capacity. .Fraction. Geometry. Perimeter. .Area. Volume
IV-V	Operation on large numbers Multiple and Factors. Fractional Numbers. Decimal Number. Addition and Subtraction of decimal numbers. Integers. Ratio and Proportion. Angles. line Segment	Average. Profit and Loss. Percentage. Simple Interest. Temperature. Triangles. Introduction to Algebra. Circle. Perimeter and Area. Linear Equation. Statistics
VI-VIII	Number System. Factorization. 3D -Shapes. Triangle and its properties. Profit and Loss	Exponents and Radicals. Algebraic Expressions. Linear Equation in one Variable. Percentage. Mensuration
IX –X	Real Number. Polynomial. Commercial Maths Lines and Angles. Triangles. Quadrilaterals. Pair of linear equations. Co-ordinate Geometry.	Heron’s Formula. Circle. Commercial Maths. Surface area and Volume. Area related to circle. Mensuration. Trigonometry. Arithmetic Progression. Quadratic Equation
XI - XII	Set Theory. Relation and Function. Trigonometric Functions. Sequence and series. Limits and Derivatives. Straight Lines. Mathematical Induction .Linear Inequality	Permutation and Combination. Binomial Theorem. Conic Section. Calculus Vector Algebra. Statistics and Probability. Three dimensional Geometry
	Quantitative aptitude and reasoning	Quantitative aptitude and reasoning

## TARGET 2022-23

### SUBJECT - GENERAL SCIENCE

*(The best way to escape from problem is to solve it.)*

CLASS	PORTION	
III	My Body, Plants, Animals, leaves.	Food, Water, Cooking and Eating habits, , Birds and Their Nests. Feeding habits of animals
IV-V	My Body, Plants, flowers,fruits,Importonce of water.	Conservation of water, insects, animals our friends, air, food and health.
VI-VIII	Microorganisms, Crop Production, Conservation of Plants and Animals. Force and Pressure, Friction, Earthquakes, Chemical Effect of Electric Current, Nutrition in Plants and Animals, Chemical Substances and Processes, Heat, Motion and Time, light, Water, Soil, Reproduction in Plants, Metals and Non-metals, Sources of Energy, Combustion. Magnets, separation of substances, light, pollution of air	Cell, Reproduction in Animals, Adolescence, Solar System,Sound,Refraction and Dispersion of light, Human Eye, Acids, Bases and Salts, Respiration, Transportation in Plants and Animals, Electric Charges at Rest, Electric Current, Synthetic Fiber and Plastics, pollution of water
IX –X	The Fundamental Unit of Life, Tissue Diversity in the living World, Animal and Plant Physiology, Control and Coordination,  Matter in Our Surrounding, Is Matter Around Us Pure? Acids, Bases and Salts, Chemical Reactions and Equations, Metals and Non- Metals, Motion, Forces and Low of Motion, Gravitation, Electricity, Magnetic Effect of Electric Current.	Environment, Nature and Management of Natural Resources. Health and Diseases, Genetics and Evolution, Agriculture. Atoms and Molecules, Structure of Atoms, Periodic Classification of Elements, Carbon and Its Compounds, Work and Energy, Hydrostatics, Sound, Light Refraction and Reflection, Human Eye, Sources of Energy

## TARGET 2022-23

### SUBJECT - GENERAL ENGLISH

*(Create more miracles, than magic)*

CLASS	PORTION	
III	Naming Words, Describing Words, Pronoun, Proper Noun/Common Noun, Verb, Numbers	Sentence. Tense, Prepositions, Articles, Opposites, Subject/Predicate
IV-V	Parts Of Speech, Tense, Gender, Determiners, Opposites	Modals, Conditionals, Prepositions, Reflexive/Emphasizing Pronoun, Tense, Synonyms
VI-VIII	Regular-Irregular Verbs, Determiners, Subject-Verb Agreement, Tenses, Antony, Parts Of Speech, Editing	Passive Voice, Sentences, Linkers, Modals, Conditionals, Voice, Synonyms
IX-X	Narration, Passive Voice, Modals, Synonyms, Antonyms, Phrases And Clauses, Connectors, Tenses	Synonyms, Antonyms, Prepositions, Connectors, Sentence Correction, Narration, One Word Substitution, Phrases And Clauses

## TARGET 2022-23

### SUBJECT - SOCIAL SCIENCE

*(Outstanding people have an absolute sense of mission.)*

SUBJECT	PORTION	
HISTORY AND CIVICS	French Revolution, Socialism in Europe & the Russian Revolution, Nazism & the Rise of Hitler) The Rise of Nationalism in Europe , The Nationalist Movement in Indo-China, Nationalism in India, The Making of Global World What is democracy? Why democracy? Constitutional design. Power sharing & Federalism, Democracy and Diversity, Gender, Religion & Caste	Forest Society & Colonialism, Pastoralists in the Modern World, Peasants & Farmers, The Age of Industrialization, Work, life & leisure, Print Culture, Novels, Society & History) Electoral politics, working of Institutions, Democratic Rights Political Parties, Outcomes of Democracy, Challenges to Democracy
GEOGRAPHY	Location, shape, and size of the India. Physical Division of India Drainage Pattern Resources and Development Natural Vegetation and Wildlife Agriculture	Climate Natural vegetation Human Resources Mineral resources Manufacturing Industries Transport and communication
ECONOMICS	Economic Activities of people in villages and towns, Development of Human Resource through investment in Health and Education, Current Economic Affairs Development: Goals of Development and Sustainable Development, Sectors of Indian Economy: Primary Secondary and Tertiary Sector. Role of Money, Credit, Banking and Self-Help Groups, Current Economic Affairs.	Poverty: Causes and Remedial Measures, Food Insecurity and the food security measures in India, Current Economic Affairs.  Globalization, MNC, Foreign Investment, SEZs and WTO. Consumers Exploitation and their Rights, Consumer Redressal Forum, Consumers Right and Current Economic Affairs

## TARGET 2022-23

### STD XI – XII

## SCIENCE STREAM

*(If you can't do great things, do small things in a great way)*

SUBJECT	PORTION	
PHYSICS	<p>Physical World and Measurement. Kinematics. Work energy and power, Law of motion,</p> <p>Electrostatics. Current electricity. Magnetic effect of current and magnetism. Electromagnetic induction and AC. EM waves</p>	<p>Motion of system of particles and rigid Body. Gravitation. Properties of bulk matter. Thermodynamics. Behavior of perfect gas and kinetic theory of gases. Oscillation and waves,</p> <p>Optics, Dual nature of matter. Atoms and nuclei. Electronic devices. Communication system.</p>
CHEMISTRY	<p>Some basic Concepts of Chemistry, Structure of Atom, Periodic Classification of Element, Chemical Bonding and Molecular Structure, States of Matter, Solid state,</p> <p>Solid State, Solution, Electro-Chemistry, Chemical Kinetics, Surface Chemistry, General Principle and Processes of Isolation of Element, P-Block Element,</p>	<p>Thermodynamics. Chemical Equilibrium Redox Reaction, s- Block Elements, P-Block Element. , Hydrocarbons, Basic Concept of Organic Chemistry. Halaalkane and Haloarene, d- andf-Block Element,,Coordination Compounds, Alcohols, Phenols and Ethers. Aldehydes, Ketones and Carboxylic Acids, Amines. Bio Molecules</p>
BIOLOGY	<p>The Living World, Biological Classification, Plant Kingdom, Animal Kingdom, Structural Organization In Plants and Animals Morphology of Flowering Plants, Anatomy of Flowering Plants, Structure and Function of Cell. Bio Molecules,</p> <p>Reproduction In Organism, Sexual Reproduction in Flowering Plants, Human Reproduction, Reproductive Health, Principles Of Inheritance And Variation, Molecular Basis Of Inheritance, Evolution, Human Health and Diseases, Strategies Of Enhancement In Food Production</p>	<p>Cell Cycle and Cell Division, Plant Physiology, Animal Physiology</p> <p>Microbes In Human Welfare, Biotechnology; Principles and Processes, Biotechnology And Its Application, Organism And Population, Ecosystem. Biodiversity And Its Conservation ,Environmental Issues</p>

## TARGET 2022-23

# XI –XII COMMERCE

*(Imagination is more important than knowledge.)*

SUBJECT	PORTION	
ACCOUNTANCY	introduction To Accounting Basic Accounting Term, Bases Of Accounting. Accounting Standards , Accounting Equation Accounting Procedures, Rules Debit & Credit. Origin Of Transactions, Journal And Ledger Cash Book And Other Subsidiary Books Bank Reconciliation Statement Depreciation, Gst Accounting. Accounting For Partnership, Fundamentals And Basic Concepts., Reconstitution Of Partnership: Change In Profit Sharing Ratio Among The Existing Partners, Admission Of New Partner,	Trial balance, accounting for bill exchange, rectification of errors, financial statement of sale proprietorship, adjustment in preparation of financial statement , accounts for incomplete records, retirement an death of a partner , financial statement of not for profit organization, issue of share capital , issue and redemption of debentures, analysis of financial statement as per companies act 2013, comparative and common size statement, ratio analysis and cash flow statement analysis , Dissolution of partnership firm.
B.ST	Nature And Significance Of Business, Forms Of Business Organizations, Privatization , Globalization And Liberalization, Social Responsibility Of A Business, Emerging Mode Of Business, Significance And Nature Of Management, Principles Of Management, 8.Business Environment, Demonetization. Planning, .Organizing.	Sources Of Business Finance, Small Scale Industries, Internal Trade, international Trade, Forms Of Business Organizations. Business Finance, Financial Management , Marketing Management, Consumers Protection Act, Directing, Staffing, Controlling
ECONOMICS	Basic Concept In Economics &Statistics. Collection, Organization And Presentation Of Data. Mean Median And Mode. Indian Economy At The Time Of Independence. Indian Economy From 1950-1990. Indian Economy Onwards 1991: Globalization, Privatization And Uberalization. Basic Concept In Micro And Macro Economics. Measurement Of National Income And Related Aggregates. Money And Banking. , Current Economic Affairs. Major Reforms In Indian Economy -Like-GST, Make In India, Start-Up, Stand-Up, SWACH BHARAT ABHIJAN Etc. Theory Of Consumers And	Measures Of Dispersion: Range, Quartile Deviation, Mean Deviation And Standard Deviation. Correlation And Index Number. Poverty And Unemployment: Causes, Effect And Remedial Measures. Human Capital Formation. Infrastructural Development. Environment And Sustainable Development. Theory Of Govt.Budget: Components And Deficit In The Budget.

	Producers Equilibrium. 13. Forms Of Market And Equilibrium Price Determination	<p>Foreign Exchange: Types Of Foreign Exchange Rate, Determination Of Exchange Rate And Foreign Exchange Market.</p> <p>Balance Of Payment: Types And Components Of Bop, Balance Of Trade, Current And Capital Account Of BOP, Disequilibrium In BOP.</p> <p>Theory Of Income Determination By AD-AS And 5-1 Approach And Theory Of Investment Multiplier.</p> <p>Consumption, Saving And Investment Function.</p> <p>Concept Of Excess And Deficient Aggregate Demand</p> <p>Current Economic Affairs.</p>
Maths	Quantitative aptitude and reasoning	Quantitative aptitude and reasoning