



THE LEXICON SCHOOLS
 (Wagholi • Hadapsar • Kalyani Nagar)
 Curriculum 2022-23



Class XII

Subject: Mathematics

Subject Code: 041

Term	Month	Portion to be covered
Term I	March	Relations and Functions Deletions: <ul style="list-style-type: none"> • Composite functions • Inverse of a function
	April	Inverse Trigonometric Functions Deletions: Elementary properties of inverse trigonometric functions. Matrices Deletions: Elementary row and column operations
	June	Determinants Deletions: Properties of determinants
	July	Continuity and Differentiability Deletions: <ul style="list-style-type: none"> • Derivative of composite functions • Rolle's and Lagrange's Mean Value Theorems Applications of Derivatives Deletions: <ul style="list-style-type: none"> • Tangents and normal • Use of derivatives in approximation Integrals Deletions: <ul style="list-style-type: none"> • \int linear / quadratic (Supplementary exercise) • Definite integrals as a limit of a sum
	August	Applications of the Integrals



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		<p>Deletions: Area between two curves</p> <p>Differential Equations</p> <p>Deletions: Formation of differential equation</p>
	September	<p>10. Vectors</p> <p>Deletions: Scalar triple product of vectors</p>
Term II	October	<p>11. Three - dimensional Geometry</p> <p>Deletions:</p> <ul style="list-style-type: none"> • Plane in space • Coplanar lines <p>12. Linear Programming</p> <p>Deletions: Different types of linear programming (L.P.) problems, mathematical formulation of L.P. problems</p>
	November	<p>13. Probability</p> <p>Deletions:</p> <ul style="list-style-type: none"> • Variance of random variable • Binomial distribution
	December To February	Revision



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Class XII

Subject: Applied Mathematics

Subject Code: 241

Term	Month	Portion to be covered
Term I	March	Unit-1: Numbers, Quantification and Numerical Applications Deletions: Simple Arithmetic Functions Partnership Scheduling
	April	Unit-2: Algebra : Matrices Deletions: Elementary row operations and its uses in finding inverse of the matrix Leontief Input Output model for two variables. Unit-2: Algebra : Determinants
	June	Unit-3: Calculus - Differentiation and its Applications
	July	Unit-3: Calculus - Integration and its Applications Unit-3: Differential Equations and Modeling
	August	Unit-4: Probability Unit-5: Inferential Statistics
	September	Unit-6: Index numbers and Time based data Deletions: Index Number Construction of Index Numbers Test of adequacy of Index Number.
Term II	October	Unit-7: Financial Mathematics Deletions:



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		Valuation of Bonds Stock, Shares and Debendures REVISION
	November	Unit-8: Linear Programming
	December To February	Revision



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Class XII

Subject: Chemistry

Subject Code: 043

Term	Month	Portion to be covered
Term I	March-April	Unit II: Solutions
	June	Unit III: Electrochemistry, Unit IV: Chemical Kinetics Assignment of the projects
	July	Unit VIII: d and f block elements Unit IX: Coordination Compounds Practical: Surface Chemistry (a) Preparation of one lyophilic and one lyophobic sol Lyophilic sol - starch, egg albumin and gum Lyophobic sol - aluminium hydroxide, ferric hydroxide, arsenous sulphide. (b) Dialysis of sol-prepared in (a) above. (c) Study of the role of emulsifying agents in stabilizing the emulsion of different oils. Chemical Kinetics (a) Effect of concentration and temperature on the rate of reaction between Sodium Thiosulphate and Hydrochloric acid. (b) Study of reaction rates of : Reaction between Potassium Iodate, (KIO ₃) and Sodium Sulphite: (Na ₂ SO ₃) using starch solution as an indicator (clock reaction).
	August	Unit X: Haloalkanes and Haloarenes Practical: Thermochemistry-Enthalpy of neutralization of strong acid (HCl) and strong base (NaOH). Electrochemistry-Variation of cell potential in Zn/Zn ²⁺ Cu ²⁺ /Cu with change in concentration of electrolytes (CuSO ₄ or ZnSO ₄) at room temperature. Chromatography-(a) Separation of pigments from extracts of leaves and flowers by paper chromatography and determination of R _f values. (b) Separation of constituents present in an inorganic mixture containing two cations only (constituents having large difference in



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		<p>Rf values to be provided).</p> <p>Qualitative Analysis- Determination of one anion and one cation in a given salt Cation: Pb^{2+}, Cu^{2+}, As^{3+}, Al^{3+}, Fe^{3+}, Mn^{2+}, Zn^{2+}, Ni^{2+}, Ca^{2+}, Sr^{2+}, Ba^{2+}, Mg^{2+}, NH_4^+</p> <p>Anions: $(CO_3)^{2-}$, S^{2-}, $(SO_3)^{2-}$, $(NO_2)^-$, $(SO_4)^{2-}$, Cl^-, Br^-, I^-, $(PO_4)^{3-}$, $(C_2O_4)^{2-}$, CH_3COO^-, NO_3^- (Insoluble salts excluded)</p>
	September	<p>Unit XI: Alcohols, Phenols and Ethers</p> <p>Practical:</p> <p>Qualitative Analysis(continued)</p> <p>Determination of concentration/ molarity of $KMnO_4$ solution by titrating it against a standard solution of: (a) Oxalic acid</p>
Term II	October	<p>Unit XIII: Amines</p> <p>Practical:</p> <p>Qualitative Analysis(continued)</p> <p>Preparation of double salt of Ferrous Ammonium Sulphate or Potash Alum. Preparation of Potassium Ferric Oxalate.</p> <p>Preparation of any one of the following compounds</p> <p>Acetanilide/Di -benzalAcetone/ p-Nitroacetanilide /Aniline yellow or 2 - Naphthol Anilinedye.</p>
	November	<p>Unit XIV: Biomolecules</p> <p>Practical:</p> <p>Qualitative Analysis(continued)</p> <p>Determination of concentration/ molarity of $KMnO_4$ solution by titrating it against a standard solution of: Ferrous Ammonium Sulphate</p> <p>Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, aldehydic, ketonic, carboxylic and amino (Primary) groups. Characteristic tests of carbohydrates, fats and proteins in pure samples and their detection in given foodstuffs.</p> <p>Submission of projects and journals.</p>
	December to February	Revision



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Class XII

Subject: Physics

Subject Code: 042

Term	Month	Portion to be covered
Term I	March	Unit I: Electrostatics -Chapter 1: Electric charges and Field.
	April	Unit I: Electrostatics -Chapter 2: Electrostatic Potential and capacitance Unit II: Current Electricity - Chapter 3: Current Electricity
	June	Unit III: Magnetic Effects of Current and Magnetism Chapter 4: Moving Charges and Magnetism, Chapter 5: Magnetism and Matter. Practical: Experiment 1: To determine resistivity of two / three wires by plotting a graph between potential difference versus current Experiment 2: To find resistance of a given wire / standard resistor using metre bridge Activity 1: To assemble the components of a given electrical circuit. Activity 2: To draw the diagram of a given open circuit comprising at least a battery, resistor/rheostat, key, ammeter and voltmeter. Mark the components that are not connected in proper order and correct the circuit and also the circuit diagram. Activity 3: To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source.
	July	Unit IV: Electromagnetic Induction and Alternating Currents Chapter 6: Electromagnetic Induction, Chapter 7: Alternating Current Practical: Experiment 3: To determine resistance of a galvanometer by half-deflection method and to find its figure of merit Experiment 4: To convert the given galvanometer (of known resistance and figure of merit) into a voltmeter of desired range and to verify the same.
	August	Unit V: Electromagnetic Waves: Chapter 8: Electromagnetic Waves Unit VI: Optics -Chapter 9: Ray Optics and optical instruments



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		<p>Practical:</p> <p>Experiment 5: To find the focal length of a convex lens by plotting graphs between u and v or between 1/u and 1/v</p> <p>Activity 4: To study the nature and size of the image formed by a (i) convex lens, (ii) concave mirror, on a screen by using a candle and a screen (for different distances of the candle from the lens/mirror).</p>
	September	<p>Unit VI: Optics: Chapter 10: Wave optics</p> <p>Practical:</p> <p>Experiment 6: To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation</p> <p>Experiment 7: To find refractive index of a liquid by using convex lens and plane mirror.</p> <p>Activity 5: To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items.</p>
Term II	October	<p>Unit VII: Dual Nature of Radiation and Matter</p> <p>Chapter 11: Dual Nature of Radiation and Matter</p> <p>Unit VIII: Atoms and Nuclei</p> <p>Chapter-12: Atoms, Chapter13: Nuclei</p> <p>Practical:</p> <p>Experiment 8: To draw the I-V characteristic curve for a p-n junction diode in forward bias and reverse bias.</p> <p>Activity 6: To observe diffraction of light due to a thin slit.</p>
	November	<p>Unit IX: Electronic Devices</p> <p>Chapter 14: Semiconductor Electronics: Materials, Devices and Simple Circuits.</p> <p>Practical: Revision</p> <p><i>Submission of Journals and Projects</i></p>
	December to February	Revision



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Class XII

Subject: Biology

Subject Code: 044

Term	Month	Portion to be covered
Term I	March	<u>UNIT VI- REPRODUCTION</u> Chapter 2 -Sexual Reproduction in Flowering Plants
	April	<u>UNIT VI- REPRODUCTION</u> Chapter-3: Human Reproduction
	June	Chapter-4: Reproductive Health <u>Practical:</u> <i>Assignment of the Investigatory Project</i>
	July	<u>UNIT-VII GENETICS AND EVOLUTION</u> Chapter-5: Principles of Inheritance and Variation <u>Practical:</u> Experiment 1. Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc. Study and observe the following (Spotting): Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice). T.S. of blastula through permanent slides (Mammalian).
	August	<u>UNIT-VII GENETICS AND EVOLUTION</u> Chapter-6: Molecular Basis of Inheritance, Chapter 7: Evolution <u>Practical:</u> Experiment 2. Prepare a temporary mount to observe pollen germination. Experiment 3: Prepare a temporary mount of onion root tip to study mitosis. Study and observe the following (Spotting): Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness. Flash cards models showing examples of homologous and analogous organs.



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		<p><u>UNIT-VIII BIOLOGY AND HUMAN WELFARE</u></p> <p>Chapter-8: Human Health and Diseases, Chapter-10 Microbes in Human Welfare</p> <p><u>UNIT IX-BIOTECHNOLOGY AND ITS APPLICATIONS</u></p> <p>Chapter 11. Biotechnology - Principles and Processes</p> <p><u>Practical:</u></p> <p>Study and observe the following (Spotting):</p> <p>Meiosis in onion bud cell or grasshopper testis through permanent slides. Study plants/animals (models/virtual images) found in xeric conditions and comment upon their morphological adaptations.</p>
	September	
Term II		<p>Chapter 12: Biotechnology and its Applications·</p> <p><u>UNIT X-ECOLOGY AND ENVIRONMENT</u></p> <p>Chapter 13: Organisms and Populations.</p> <p><u>Practical:</u></p> <p>Study and observe the following (Spotting):</p> <p>Flowers adapted to pollination by different agencies (wind, insects, birds).</p>
	October	
		<p><u>UNIT X-ECOLOGY AND ENVIRONMENT</u></p> <p>Chapter 14: Ecosystem</p> <p>Chapter-15: Biodiversity and its Conservation</p> <p><u>Practical:</u></p> <p>Study and observe the following (Spotting): Common disease - causing organisms like Ascaris, Entamoeba, Plasmodium, any fungus causing ringworm through permanent slides, models or virtual images. Comment on symptoms of diseases that they cause.</p> <p>Models specimen showing symbiotic association in root nodules of leguminous plants, Cuscuta on host, lichens.</p> <p><i>Submission of Journals and Projects</i></p>
	November	
	December to February	Revision



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Class XII

Subject: Computer Science

Subject Code: 083

Term I	March	Unit I: Computational Thinking and Programming - 2 (Revision of Python Topics : Class XI)
	April	Unit I: Computational Thinking and Programming - 2 Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope) Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths
	June	Unit I: Computational Thinking and Programming - 2 Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file
	July	Unit I: Computational Thinking and Programming - 2 Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file CSV file: import csv module, open / close csv file, write into a csv file using csv.writer() and read from a csv file using csv.reader()
	August	Unit I: Computational Thinking and Programming - 2 Data Structure: Stack, operations on stack (push & pop), implementation of stack using list.
	September	Unit II: Computer Networks Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)



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Class XII

		<p>Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching)</p> <p>Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves)</p> <p>Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card)</p>
Term II	October	<p>Unit II: Computer Networks</p> <p>Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree)</p> <p>Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP</p> <p>Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting</p>
	November	<p>Unit III: Database Management need</p> <p>Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key)</p> <p>Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key), drop table, insert, delete, select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count), group by, having clause, joins: cartesian product on two tables, equi-join and natural join</p>
	December to February	Revision



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Class XII

Subject: Informatics Practices

Subject Code: 065

Term I	March	<p>Unit 1. Python Pandas -1</p> <p>Introduction to Python libraries- Pandas, Matplotlib.</p> <p>Data structures in Pandas - Series and data frames.</p>
	April	<p>Unit 1. Python Pandas -1</p> <p>Series: Creation of series from Nd array, dictionary, scalar value; mathematical operations, head and tail functions; selection, indexing and slicing.</p> <p>Data Frames: Creation of data frames from dictionary of series, list of dictionaries, Text/CSV files, display; iteration.</p>
	June	<p>Unit 1. Python Pandas -I</p> <p>Operations on rows and columns, Head and Tail functions, indexing using labels, Boolean indexing.</p>
	July	<p>Unit 1. Python Pandas -I</p> <p>Transferring Data between .csv files and Data Frame.</p> <p>Data Visualization: Purpose of plotting, drawing and saving of plots using Matplotlib, Plotting line plot, bar graph, histogram. Customizing plots: adding label, title, and legend in plots.</p>
	August	<p>Unit 2: Database Query using SQL</p> <p>Math functions: POWER (), ROUND (), MOD ().</p> <p>Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM ().</p> <p>Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME ().</p>
	September	<p>Unit 2: Database Query using SQL</p>



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		<p>Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by.</p> <p>Unit 3. Introduction to Computer Networks</p> <p>Introduction to networks, Types of networks: LAN, MAN, WAN.</p> <p>Network Devices: modem, hub, switch, repeater, router, gateway</p>
Term II	October	<p>Unit 3. Introduction to Computer Networks</p> <p>Network Topologies: Star, Bus, Tree, Mesh.</p> <p>Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP.</p> <p>Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website.</p> <p>Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.</p>
	November	<p>Unit 4. Societal Impacts</p> <p>Digital footprint, Net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, Free and opensource software (FOSS), Cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act.</p> <p>E-waste: hazards and management. Awareness about health concerns related to the usage of technology.</p>
	December to February	Revision



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Class XII

Subject: Information Technology (Skill Subject)

Subject Code: 802

Term I	March	Employability Skills: Unit 1. Communication Skills -IV Unit 2. Self-Management Skills-IV
	April	Employability Skills: Unit 3. ICT Skills -IV Subject Specific Skills: Unit 1. Database Concepts -RDBMS
	June-July	Subject Specific Skills: Unit 1. Database Concepts-RDBMS (continued)
	August	Subject Specific Skills: Unit 2. Operating Web Based Applications
	September	Employability Skills: Unit 4. Entrepreneurial Skills -IV Unit 5. Green Skills -IV Subject Specific Skills: Unit 3-JAVA- Fundamentals of Java programming, Introduction to Java, Object Oriented Programming, Java Language Elements
	October	Subject Specific Skills: Unit 3-JAVA- Operators, Control Flow, Array, Class Design, Exception Handling, Assertions, Threads, Wrapper Classes, String Manipulation
Term II	November	Subject Specific Skills: Unit 4-Work Integrated Learning IT-DMA
	December to February	Revision



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Class XII

Subject: Geography

Subject Code: 029

Term I	March and April	Part A : Fundamentals of Human Geography	Unit 1: Human Geography : people and scope Unit 2- People
		Part B: India- People & Economy	Unit 6- -People Distribution, Density, Growth & composition
	June	Part A : Fundamentals of Human Geography	Unit 2- People - Human Development
		Part B: India- People & Economy	Unit 7- Human Settlements -Rural Settlements -Urban Settlements
	July	Part A : Fundamentals of Human Geography	Unit 3- Human Activities -Primary Activities -Secondary Activities
		Part B: India- People & Economy	Unit 8- Resources & Development -Land Resources -Water Resources
	August	Part A : Fundamentals of Human Geography	Unit 3- Human Activities -Tertiary Activities -Quaternary Activities
		Part B: India- People & Economy	Unit 8- Resources & Development -Mineral & Energy Resources -Planning In India
	September	Part A : Fundamentals of Human Geography	Unit 4- Transport, Communication, & Trade



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Class XII

			-Land Transport -Air Transport
		Part B: India- People & Economy	-
Term II	October	Part A : Fundamentals of Human Geography	Unit 4- Transport, Communication & Trade - Satellite Communication & Cyber Space - International Trade
		Part B: India- People & Economy	Unit 9- Transport, Communication and International Trade
	November to February		Revision

Map Work:Geography

Part C	Practical Work in Geography	Month
Unit 1	Processing of Data & Thematic Mapping Type & Sources of Data: Primary, Secondary & other sources	March & April
	Tabulation and processing of data, calculation of averages, measures of central Tendency	June
	Representation of data: construction of diagrams: bars, circles and flowchart; thematic maps; construction of dot; choropleth and isopleths maps	July
Unit 2	Spatial Information Technology Introduction to GIS; hardware requirements and software modules; data formats; raster and vector data, data input, editing and topology building; data analysis; overlay and buffer	August



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Class XII

Subject: English

Subject Code: 301

Term I	March	Prose: The Last Lesson Poetry: Lost Spring Supplementary Reader: The Tiger King
	April	Prose: Deep Water Poetry: My Mother at Sixty Six Supplementary Reader: The Third Level
	June	Prose: The Rattrap Poetry: Keeping Quiet Supplementary Reader: The Enemy
	July	Prose: Indigo Poetry: Road Side Stand Supplementary Reader: Journey to the end of the Earth
	August	Prose: A Thing of Beauty Poetry: Poets & Pan Cake Supplementary Reader: On the Face of It.
	September	Prose: The Interview Poetry: Going Places Supplementary Reader:
	Term II	October
November to February		Revision



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Class XII

Subject: Psychology

Subject Code: 037

Term I	March	Unit I: Variations in Psychological Attributes
	April	Unit II: Self and Personality
	June	Unit III: Meeting Life Challenges
	July	Unit IV: Psychological Disorders
	August	Unit V: Therapeutic Approaches
	September	Unit VI: Attitude and Social Cognition
Term II	October	Unit VII: Social Influence and Group Processes
	November To February	Revision

Practical:

Development of Case Profile using methods like interview, observation & psychological tests.

Test Administration: 5 Psychological tests related to various psychological attributes like intelligence, aptitude, attitude, personality etc. shall be taken up at school

In the Practical Examination, the student will be required to administer and interpret two psychological tests.



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Class XII

Subject: Accountancy

Subject Code: 055

Term I	March	Part A- Accounting for Partnership Firms- Fundamentals
	April	Part A- Accounting for Partnership Firms-Reconstitution, Change in Profit Sharing Ratio
	June	Part A- Accounting for Partnership Firms- Dissolution
	July	Part A- Accounting for Companies - Shares & Debenture
	August	Part B- Analysis of Financial Statements of a Company: Meaning & Significance, Tools, Accounting Ratios, Liquidity Ratios
	September	Part B- Analysis of Financial Statements of a Company: Solvency ratios, Activity Ratios, Profitability ratios
Term II	October	Part B - Cash Flow
	November to February	Revision

Project Work is an imperative part of the Board Exams and shall be taken up during the course of session at school.



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Class XII

Subject: Business Studies

Subject Code: 054

Term I	March	Unit 1- Nature & Significance of Management
	April	Unit 2- Principles of Management
		Unit 3- Business Environment
	June	Unit 4- Planning
		Unit 5- Organizing
	July	Unit 6- Staffing
		Unit 7- Directing
August	Unit 8- Controlling	
	Unit 9- Financial Management	
September	Unit 10- Financial Markets	
Term II	October	Unit 11- Marketing Management
	November	Unit 12- Consumer Protection
	December to February	Revision

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Class XII

Subject: Economics

Subject Code: 030

Term I	March	Part A: National Income & Related Aggregates
	April	Part A: Money & banking
		Determination of Income & Employment
	June	Part A: Balance of Payments
	July	Part A: Government Budget and Economy
	August	Part B: Development Experience (1947-90) and Economic Reforms since 1991
September	Part B: Current challenges facing Indian Economy	
Term II	October	Part B: Development Experience of India- A comparison with Neighbours
	November to February	Revision



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Class XII

Subject: History

Subject Code: 027

Term I	March	Theme 1- Bricks, Beats and Bones
	April	Theme 2- Kings, Farmers and Towns
		Theme 3- Kinship, Caste and Class
	June	Theme 4- Thinkers, Belief and Buildings
	July	Theme 5- Through the eyes of Travellers
		Theme 6- Bhakto-Sufi Traditions
August	Theme 7- An Imperial Capital Vijayanagara	
	Theme 8: Peasants, Zamindars & the State	
September	Theme 10-Colonialism and the Countryside	
	Theme 11- Rebels and the Raj	
Term II	October	Theme 13- Mahatma Gandhi and the Nationalist Movement
	November	Theme 15- Framing the Constitution.
	December to February	Revision

Important:

Map Skills/Pointing to be considered from each theme and topic

Project and Presentations as per the Board requirement.



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Class XII

Subject: Physical Education

Subject Code: 048

Term I	March	Unit 1- Management of Sporting Events
	April	Unit 2- Children & Women in SPorts
	June	Unit 3 - Yoga as preventive measure for Lifestyle Disease
		Unit 4 - Physical Education & Sports for CWSN
	July	Unit 5- Sports & Nutrition
	August	Unit 6 - Test & management in Sports
	September	Unit 7- Physiology & Injuries in SPorts
Term II	October	Unit 8- Biomechanics & Sports
		Unit 9- Psychology & Sports
	November	Unit 10- Training in Sports
December to February	Revision	



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Class XII

Subject: Political Science

Subject Code: 028

		Part A: Contemporary World Politics	Part B: Politics in India since Independence
Term I	March	The End of War	Challenges of Nation Building
	April	New Centres of Power	Planning and Development
	June	Contemporary South Asia	India's foreign policy
	July	United Nations and its Organizations	Parties and Party System in India
	August	Security in Contemporary World	Democratic Resurgence
	September	Environment and Natural Resources	Regional Aspirations
Term II	October	Globalization	Indian Politics: Recent Trends and Development
	November to February	Revision	



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Class XII

Subject: Sociology

Subject Code: 039

Term I	March	Part A: 1. Introducing Indian Society
	April	Part A: 2. The Demographic Structure of Indian Society
	June	Part A: 3. Social Institutions: Continuity and Change
	July	Part A: 5. Patterns of Social Inequality and Exclusion
		Part A: 6. The Challenges of Cultural Diversity
	August	Part B: 8. Structural Change Part B: 9. Cultural Change
September	Part B: 11. Change and development in Rural Society	
Term II	October	Part B: 12. Change and development in Industrial Society
	November	Part B: 15. Social Movements
	December to February	Revision



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Class XII

Subject: Marketing

Subject Code: 812

Term I	March	Employability Skills: - Subject Specific Skills: Unit 1. Product
	April	Employability Skills: Unit 1. Communication Skills -IV* Subject Specific Skills: Unit 2. Price Decision
	June	Employability Skills: - Unit 2: Self-Management Skills - IV Subject Specific Skills: --
	July	Employability Skills: - Subject Specific Skills: Unit 3- Place Decision : Channels of Distribution
	August	Employability Skills: Unit 3. ICT Skills-IV Subject Specific Skills: Unit 4. Promotion
	September	Employability Skills: Unit 4 Entrepreneurial Skills-IV Subject Specific Skills: --
Term II	October	Employability Skills: Unit 5 Green Skills-IV* Subject Specific Skills: Unit 5. Emerging Trends in Marketing
	November to February	Revision

Please Note: Employability Skills - Unit 1. Communication Skills -IV & Unit 5. Green Skills-IV shall be assessed through Internal Assessment ONLY. *They are not to be assessed in Theory Exams.*



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Class XII

Subject: Financial Market Management

Subject Code: 805

Term I	March	Unit 1. Introduction to Indian Securities Market and Trading Membership- Securities Market & Products, Market Reforms
	April	Unit 1. Introduction to Indian Securities Market and Trading Membership-Trading Memberships
	June	Unit 2- Trading- Overview of Trading network & NEAT Screen, Inquiry Screen, (Order Management - For internal Assessment only. Not to be assessed in Theory Paper)
	July	Unit 3- Clearing, Settlement and Legal Framework- Clearing and Settlement, Risk Management Reports, Legal framework
	August	Unit 4- Financial Statement Analysis - Overview on Financial Statement Analysis, Ration Analysis & its Types
	September	Unit 5- Introduction to Derivatives- Overview on Derivatives, Understanding Interest Rates and Index Significance, Index Constructions and its Attributes
Term II	October	Unit 6- Future Contracts, Mechanisms and Pricing - Forward Vs. Future Contracts and Future Technology, Option Terminology
	November to February	Revision



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Class XII

Subject: General Studies

Term I	March	-
	April	Unit I- Science & Society
	June	Unit II - Contemporary Problems of Indian Society
	July	Unit III: Cultural Heritage of India
	August	Unit IV- India's Freedom Struggle
	September	Unit V- Constitutional Values
Term II	October	Unit VI- Human Rights
	November	-
	December	-
	January	-
	February	-