

LOYOLA HIGH SCHOOL, PATNA-800010
SYLLABUS FOR CLASS-12 COMMERCE (2025-2026)

ENGLISH			
MONTH	Units/Subunits/ Topics/ Chapters to be Covered	Details of Activity/ Practice al / Projects to be given	Unit Tests / Formative/ Tests/ Assignment
APRIL	Literature Flamingo 1. The Last Lesson (Prose) 2. My Mother at Sixty- Six (Poetry) Vistas 1. The Third Level Writing - Notice Writing and its types	1. Write a notice for your school notice-board based on the upcoming events. 2. Write a diary entry sharing your nostalgic experiences.	
MAY	Literature - Flamingo 1. The Lost Spring (Prose) Vistas The Tiger King (Prose) Writing: The letter to the Editor	1. Write an article on the state of Education system in Bihar for your school magazine. 2. Group discussion: on environmental hazards and human threats.	Test 1:- APRIL & MAY (05-05-2025) (Flamingo) 1. The Last Lesson 2. My Mother at Sixty-Six 3. The Lost Spring (Vistas) 1. The Third Level 2. The Tiger King (Writing Section) Notice 1. Writing and its types 2. Letter to the Editor
JUNE	Literature-Flamingo 1. Deep Water (Prose) Vistas 1. Journey to the end of the Earth (Travelogue) Writing- Letter for Job Application	1. Read the autobiographies of prominent writers and share their reviews in class.	
JULY	Flamingo 1. The Rattrap (Prose) 2. Keeping Quiet (Poetry) Vistas 1. The Enemy Invitation Writing and Reply	1. Draft an invitation letter for your school function on A-4 size sheet and submit. 2. Group Discussion: on the environmental hazards and human threats. 3. Write a review of some patriotic films.	Test 2 (21-07-2025) Flamingo 1. Deep water (Prose) 2. Journey to the end of the Earth (Travelogue) 3. Keeping Quiet 4. The Rattrap 5. The Tiger King Writing section 1. Job Application 2. Invitation Writing and Reply
AUG	Flamingo 1. Indigo 2. Poets and Pancakes (Prose) 3. A Thing of Beauty (Poetry) Writing : Article writing	1. Students can prepare a PPT based on Indian National Movement. 2. Students can form groups and enact a scene from the given text	
SEPT	Flamingo 1. The Interview (Prose) 2. A Roadside Stand (Poetry)	1. Conduct an interview session of your most admirable person. 2. Write an article on the struggles of the street vendors.	SENT-UP EXAM: Literature -Flamingo 1. The Last Lesson (Prose) 2. My Mother at Sixty- Six (Poetry) 3. The Lost Spring (Prose) 4. Deep Water (Prose) 5. The Rattrap (Prose) 6. Keeping Quiet (Poetry) 7. Indigo 8. A Thing of Beauty Vistas 1. The Third Level (Prose) 2. The Tiger King (Prose) 3. Journey to the end of the Earth (Prose) 4. The Enemy (Prose) Writing Section Short-Notice Writing, Letter to the Editor, Letter for Job

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			Application, Invitation letter and reply. Article Writing
OCT	Flamingo 1.Going Places (Prose) 2. Aunt Jennifer's Tigers (Poetry) Writing-Report Writing	1. Prepare a report on the recent occurrences or events happening in the society submit it as an assignment.	
NOV	Vistas 1. On the Face of it. 2. Memories of Childhood (Prose) Flamingo 1. Revision Writing Revision	1. Write an narrative or share an anecdote on any positive incident from your life. 2. Make a collage depicting the memories of your childhood and write a paragraph on it.	
DEC	REVISION	PROJECT SUBMISSION	PRE BOARD -1 Entire syllabus
JAN	AISSCE (CBSE) Board's Practical	Conducting practicals ASL	PRE BOARD -2 Whole Syllabus

ECONOMICS

MONTH	Units/Subunits/ Topics/Chapters to be Covered	Details of Activity/ Practice al / Projects to be given	Activities/Projects/ Practical/ Experiments to be held / Specific Assessment Tools suggested
APRIL	Indian Economic development Development Experience (1947-1990) (a) Indian economy on the eve of Independence (b) Economic Planning - Indian Economy (1950-1990) (c) Features/Problems / Policies of Agriculture (institutional and technical reforms)/ Industry / Foreign trade.	Preparing detailed notes related various topics Flow chart for understanding the topics precisely Listing out the dates and factual information	
MAY	Indian Economic development Economic Reforms (a) Since 1991 - LPG Policies Liberation, Privatisation and Globalization Need,measures taken, critical appraisal (b)Human Capital Formation (c)Rural Development	Preparing detailed notes related various topics Flow chart for understanding the topics precisely Listing out the dates and factual information	Weekly test I Ch 1 Indian economy at the eve of independence Ch 2 Economic planning 1950 -90
JUNE	Basic Concepts of Macro		
JULY	Macro Economics (a)Circular flow of Income (b)National Income and Related Aggregate (c)Measurement of National Income	Preparing detailed notes related to various topics Flow chart for understanding the topics precisely Understanding the formulas and concepts of related national income aggregates Formula derivation related to product, income and expenditure method Numericals	Weekly Test-2 National Income
AUG	Indian Economic development: Demonetisation Macro Economics Money		
SEP	Macro Economics Banking :Commercial Bank and Central Bank	Preparing detailed notes related to the various topics Flow charts for precisely understanding the topics Formulas and measures of money supply Learning the concept of money multiplier and credit creation by commercial banks. Tabulation	Send UP Examination FROM 08/09/2025 Sent up exam Indian economy at the eve of independence Economic planning 1950-90 Economic reforms -LPG

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		Numericals	Human capital formation Rural development Macro - National income
OCT	Macro Economics Government Budget Indian Economic development: (a)Employment (b)Environment and sustainable development (c) Comparative Economic development of India, Pakistan and China Project work for Boards	Preparing detailed notes related various topics Flow chart for understanding the topics precisely Listing out the dates and factual information	
NOV	Macro Economics (a)Aggregate demand & Related Concept (b)Income determination and multiplier (c)Excess & Deficient demand (d)Foreign Exchange Rate (e)Balance of Payment	Flow chart Formulas Numericals	
DEC	REVISION	Completion of left over Practicals and PROJECTS	PRE BOARD -1
JAN	AISSCE (CBSE) Board's Practical		PRE BOARD -2
ACCOUNTANCY			
MONTH	Units/Subunits/ Topics/Chapters to be Covered	Details of Activity/ Practice al / Projects to be given	Activities/Projects/ Practical/ Experiments to be held / Specific Assessment Tools suggested
APRIL	Unit 1: Accounting for Partnership Firms: Partnership: features, Partnership Deed, Provisions of the Indian Partnership Act 1932 in the absence of partnership deed. Fixed v/s fluctuating capital accounts. Preparation of Profit and Loss Appropriation account- division of profit among partners, guarantee of profits, - Past adjustments (relating to interest on capital, interest on drawing, salary and profit- sharing ratio).	Role Play of students regarding formation of partnership and their agreement based on previous knowledge.	
MAY	Goodwill: Meaning, nature, factors affecting, need for valuation and methods for calculation - average profit, super profit and capitalization, adjusted through partner's capital/current account Unit-2 Accounting for Partnership Firms Reconstitution:- -Change in profit sharing ratio among the existing partners - sacrificing ratio, gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves, accumulated profits and losses. Preparation of revaluation account and Balance Sheet.	Different assignments can be given to the students to understand the topic through Quiz.	Monday test I (12/05/25) Syllabus:- partnership fundamental, change in profit sharing ratio.
JUNE/ JULY	Admission of a partner - Effect of admission of a partner on change in the profit- sharing ratio, treatment of goodwill (as per AS 26). Admission of a partner - Treatment for revaluation of assets and reassessment of liabilities, treatment of reserves, accumulated profits and losses, adjustment of capital accounts and	Different assignments can be given to the students to understand the topic through role play method, Quiz.	

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	preparation of capital, current account and Balance Sheet.		
AUG	<p>Retirement and Death of a Partner: effect of retirement/death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits, losses and reserves, adjustment of capital accounts and preparation of capital, current account and balance sheet. Preparation of loan account of the retiring partner.</p> <p>Calculation of deceased partners share of profit till the date of death. Preparation of deceased partners capital account and executors account.</p>	Different assignments can be given to the students to understand the topic.	<p>Monday Tests II (28/07/25)</p> <p>Syllabus:-</p> <p>Admission of a partner, retirement and Death.</p>
SEP	<p>Dissolution of a Partnership firm: meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of accounts - preparation of realization account, and other related accounts: capital accounts of partners and cash/bank a/c (excluding piecemeal distribution, sale to a company and insolvency of partner(s)).</p> <p>Note: (I) If the realized value of tangible assets is not given it should be considered as realized at book value itself. If the realized value of intangible assets is not given it should be considered as nil (zero value).</p> <p>In case, the realization expenses are borne by a partner, clear indication should be given regarding the payment thereof.</p> <p>Unit-3 Accounting for Companies</p> <p>Accounting for Share Capital</p> <p>Features and types of companies</p> <p>Share and share capital: nature and types.</p> <ul style="list-style-type: none"> •Accounting for share capital: issue and allotment of equity and preferences shares. Public subscription of shares - over subscription and under subscription of shares; issued at par and at premium, calls in advance and arrears (excluding interest), issue of shares for consideration other than cash. 	Different assignments can be given to the students to understand the topic through Quiz.	
OCT	<p>Accounting for Share Capital (cont.)</p> <ul style="list-style-type: none"> •Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity. •Accounting treatment of forfeiture and reissue of shares. •Disclosure of share capital in the Balance Sheet of a company. <p>Accounting for Debentures</p> <ul style="list-style-type: none"> • Debentures: Meaning, types, Issue of debentures at par, at a premium and at a discount. Issue of debentures for consideration other than cash; Issue of debentures with terms of redemption, Debentures issued as collateral security-concept, interest on debentures (concept 	Different assignments can be given to the students to understand the topic through Quiz.	<p>Send UP Examination FROM 08/09/2025</p> <p>Syllabus:</p> <p>Partnership fundamentals, change in profit sharing ratio, admission, retirement & death of a partner, Accounting for share capital, Accounting for Debenture.</p>

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	of TDS is excluded), Writing off discount / loss on issue of debentures. Note: Discount or loss on issue of debentures to be written off in the year debentures are allotted from Security Premium Reserve (if it exists) and then from Statement of Profit and Loss as Finance Cost(AS-16)		
NOV	Unit-4 Analysis of Financial Statements:- (Part-II) Financial statements of Company: Meaning, Nature, Uses and importance of financial Statement. Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and sub headings (as per Schedule III to the Companies Act, 2013) Note: Exceptional items, extraordinary items and profit (loss) from discontinued operations are excluded. •Financial Statement Analysis: Meaning, Significance, Objectives, importance and limitations. Tools for Financial Statement Analysis: Cash flow analysis, ratio analysis.	Different assignments can be given to the students to understand the topic through Quiz.	
DEC	Revision	Pre-Board-I (08/12/2025 Onward)	Practice of Sample Papers, Practice Tests
JAN	Revision	Pre-Board-II (06/01/2026 Onwards)	Practice of Sample Papers, Practice Tests
FEB	AISSCE (CBSE) Board's Practical		Practice of Sample Papers, Practice Tests
BUSINESS STUDIES			
MONTH	Units/Subunits/ Topics/Chapters to be Covered	Details of Activity/ Practice al / Projects to be given	Activities/Projects/ Practical/ Experiments to be held / Specific Assessment Tools suggested
APRIL	Unit. 01 – Levels of Management Management functions-planning, organizing, staffing, directing and controlling - Coordination- concept and importance	Project work, Quiz, Mind map.	
MAY	Unit. 02 – Principles of Management - Concept and significance Fayol principal of management Taylor's scientific management- principles and techniques. Unit. 03 = Business Environment - Concept and Importance. Dimensions of Business Environment-Economic, Social, Technological, Political and Legal Demonetization - concept and features.	Quiz, Mind map, case studies.	
JUNE	Unit. 04 Planning Concept, importance and limitation Planning process Single use and standing plans. Objectives, Strategy, Policy, Procedure, method Rule, budget and Programme	Quiz, Mind map, case studies.	
JULY	Unit. 05 Organizing Organizing - Concept and importance Organizing process	Quiz, Mind map, case studies,	Monday test I (14/07/25) Syllabus:- 1.Nature and significance

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	<p>Structure of organization- functional and divisional concept. Formal and informal organization- concept Delegation: concept, elements and importance Decentralization: concept and Importance' Staffing -06 Concept and importance , staffing as a part of Human resources Selection Process, Training and Development - Concept and importance, Methods of training - on the job and off the job - vestibule training, apprenticeship training and internship training.</p>		<p>of management 2.Principles of management</p>
AUG	<p>Unit-07 Directing Concepts and importance Elements of directing Motivation – Maslow's Hierarchy theory Financial and non-financial incentives Leadership –concept, styles - Communication - concept, formal and informal communication; barriers to effective communication, how to overcome the barriers Financial and non-financial incentives. Leadership -concept, styles - authoritative, democratic and laissez fair Communication - concept, formal and informal communication; barriers to effective communication, how to overcome the barriers. Unit. 08 C o n t r o l l i n g Concept and importance, Relationship between planning and controlling, Steps in process of control. Relationship between planning and controlling, Steps in process of controlling.</p>	<p>Quiz, Mind map.</p>	<p>Monday Test II (11/08/25) Syllabus: Business environment planning</p>
SEPT	<p>Unit. 09 – Concept, role and Financial decisions: investment, financing a Financial Planning - concept and Importance Capital Structure Fixed and Working Capital - Concept and factors affecting their requirements</p>	<p>Project work, Quiz, Mind map, Case Studies.</p>	<p>Send UP Examination FROM 08/09/2025 Syllabus: - Chapter 1 to 08</p>
OCT	<p>Unit- 10 - Financial Markets: Concept Money Markets: Concept Capital market and its types (primary and secondary) Stock Exchange - Functions and trading procedure Securities and Exchange Board of India (SEBI) - objectives and functions. Unit. 11 Marketing Marketing – Product - branding, labelling and packaging Concept Price - Concept, Factors determining price.</p>	<p>Project work, Quiz, Mind map, Case Studies.</p>	
NOV	<p>Unit. 11 Marketing (continued) Physical Distribution concept, components and channels of distribution</p>	<p>Project work, Quiz, Mind map, Case Studies.</p>	

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	Promotion Concept and elements; Advertising, Personal Selling, Sales Promotion and Public Relations. Unit. 12 C o n s u m e r Protection Concept and importance of consumer protection The Consumer Protection Act, 2019:Source: http://egazette.nic.in/WriteReadData/2019/210422.pdf Meaning of consumer, Rights and responsibilities of consumers, who can file a complaint? Redressal machinery, Remedies available Consumer awareness - Role of consumer organizations and Non- Governmental Organizations (NGOs)	
DEC	Revision for Pre-Board-I (08/12/2025 Onward)	Practice of Sample Papers and Practice Tests
JAN	Revision for Pre-Board-II (06/01/2026 Onwards)	Practice of Sample Papers and Practice Tests
FEB	AISSCE (CBSE) Board's Practical	Practice of Sample Papers and Practice Tests

INFORMATICS PRACTICES

	Units/Subunits/ Topics/Chapters to be Covered	Details of Activity/ Practice al / Projects to be given	Activities/Projects/ Practical Experiments to be held / Specific Assessment Tools suggested
APRIL	Unit 2: Database Query using SQL Math functions: POWER(), ROUND(), MOD() Text functions: UCASE() / UPPER(), LCASE() / LOWER(), MID() / SUBSTRING() / SUBSTR(), LENGTH(), LEFT(), RIGHT(), INSTR(), LTRIM(), RTRIM(), TRIM(). Date-Time Functions: NOW(), DATE(), MONTH(), MONTHNAME(), YEAR(), DAY(), DAYNAME().	Practice of topics and Practical programs. Activities as specified in NCERT Textbook. 1. Create a new database called XII_IP_2022. 2. Open / Select / Load a database called XII_IP_2022. 3. Create a exstudent table with the student id, name, and marks as attributes where the student id is the primary key. 4.Display table structure of student table. 05 . Insert the details of three students in the above table. 06.Display details of all students 07. Delete the details of a student in the above table. 8. Use the select command to get the details of the students with marks more than 480. 9. Find the min, max, sum, and average of the marks in a student marks table. 10. Create table customer (customer ID, customer Name, country) and store few records. 11.Store few records in customer table. 12.Find the total number of customers from each country in the table (customer ID, customer Name, country) using group by. 13.Write a SQL query to order the (student ID, marks) table in descending order of the marks.	
MAY	Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (), using COUNT (*). Querying and manipulating data using- Group by, Having, and Order by clauses.	The practice of topics and Practical programs. Activities as specified in NCERT Textbook	

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JUNE	Unit 1: Data Handling using Pandas and Data Visualization Introduction to Python libraries Pandas & Matplotlib. Data Structures in Pandas- Series: Creation of Series from ndarray, dictionary, scalar value, mathematical operations, Head and Tail functions, Selection, Indexing and Slicing.	The practice of topics and Practical programs and SQL. 1. Write a program to generate a series of float numbers from 10.0 to 50.0 with an increment of 3.5 using user defined function. 2. Write a program to generate a series of 10 numbers with a scalar value of 44 with user defined index 1-10. 3. Create a panda's series of five items from a dictionary, display 2nd and 3rd item and then 1st and 4th item of series. 4. Create a panda's series of five items from an array, display 2nd and 3rd item and then 1st and 4th item of the series. 5. Create a data frame for examination results and display row labels, column labels data types of each column and the dimensions. 6. Create the following DataFrame Sales containing year wise sales figures for five salespersons in INR. Use the years as column labels, and salesperson names as row . 7. Consider above sales dataframe and write code to display the last two rows of Sales dataframe using different method. 8. Consider sales dataframe and write code to display the first two columns of Sales dataframe using different methods.	
JULY	DataFrames: creation from the dictionary of Series, list of dictionaries, Text/CSV files display iteration Operations on rows and columns: add, select, delete, rename Head and Tail functions Indexing using Labels, Boolean Indexing.	9. Use above dataframe sales and do the following: 1. Change the DataFrame Sales such that it becomes its transpose. 2. Display the sales made by all sales persons in the year 2018. 3. Display the sales made by Kapil and Mohini in the year 2019 and 2020. 4. Add data to Sales for salesman Nirali where the sales made are [221, 178, 165, 177, 210] in the years [2018, 2019, 2020, 2021] respectively. 10. Use above dataframe sales and do the following: 1. Delete the data for the year 2018 from the DataFrame Sales. 2. Delete the data for sales man Shikhar from the DataFrame Sales. 3. Change the name of the salesperson Kamini to Rani and Kapil to Anil. 4. Update the sale made by Mohini in 118 to 150 in 2018.	Monday Test 1 07/07/2025 Unit -1.
AUG	Data Visualization Purpose of plotting; drawing and saving the following Types of plots using Matplotlib lineplot, bargraph, and histogram. Customizing plots: adding labels, titles, and legend in plots.	The practice of topics and Practical questions on Data Visualization.	Monday Test -2 25/08/25 Unit -2
SEPT	Unit 3: Introduction to Computer Networks Introduction to networks, Types of networks: LAN, MAN, WAN Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh Introduction to Internet, URL, WWW, and its applications Web, email, Chat, VoIP.		Send UP Examination FROM 08/09/2025 Unit -1,2,4

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	Website: Introduction, the difference between website and webpage, static vs dynamic web page, web server, and hosting of a website. Web Browsers: Introduction, commonly used browsers, browser settings, add-ons, plug-ins, cookies.		
OCT	Unit 4: Societal Impacts Digital footprint, net, and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open-source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyberbullying, an overview of the Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology.		
NOV	Revision -Completion of left over , Practicals and Projects , Pre-Board-1		
DEC	AISSCE (CBSE) Boards Practical , Pre-Board-2		
JAN	AISSCE (CBSE) 2026		

PHYSICAL EDUCATION

MONTH	Units/Subunits/Topics/Chapters To be overed		
APRIL	Unit 1 Management of Sporting Events 1. Functions of Sports Events Management 2. Various Committees & their Responsibilities 3. Fixtures and their Procedures – 4. Intramural & Extramural tournaments – Meaning, Objectives & Its Significance 5. Community sports Unit 2 Children & Women in Sports 1. Exercise guidelines of WHO for different age groups. 2. Common postural deformities		
MAY	3. Women's participation in Sports 4. Special consideration 5. Female athlete triad Unit 3 Yoga as Preventive measure for Lifestyle Disease 1. Obesity 2. Diabetes 3. Asthma 4. Hypertension 5. Back Pain and Arthritis		Yoga Performance by students
JUNE	Unit 4 Physical Education and Sports for CWSN 1. Organization s promoting Disability Sports 2. Concept of Classification n and Divisioning in Sports. 3. Concept of Inclusion in sports, its need, and Implementation 4. Advantages of Physical Activities for children with special needs. 5. Strategies to make Physical Activities assessable for children with special needs.		
JULY	Unit 5 Sports & Nutrition 1. Concept of balanced diet and nutrition 2. Macro and Micro Nutrients: Food sources & functions 3. Nutritive & NonNutritive Componen ts of Diet 4. Eating for Weight control – A Healthy Weight, The Pitfalls of Dieting, Food Intolerance, and Food Myths 5. Importance of Diet in SportsPre, During and Post competition Requirements Unit 6 Test & Measurement in Sports 1. Fitness Test 2. Measurement of Cardio Vascular Fitness 3. Computing Basal Metabolic Rate (BMR) 4. Rikli & Jones 5. Johnsen – Methney Test of Motor Educability		Fitness test practice Unit Test 1 (27-07-2025) Unit 1 & 2
AUG	Unit 7 Physiology & Injuries in Sport 1. Physiological factors determining components of physical fitness 2. Effect of exercise on the Muscular System 3. Effect of exercise on the Cardio Respiratory System		

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	4. Physiological changes due to aging 5. Sports injuries: Unit 8 Biomechanics and Sports 1. Newton's Law of Motion & its application in sports 2. Types of Levers and their application in Sports. 3. Equilibrium 4. Friction & Sports 5. Projectile in Sports	
SEP	Unit 9 Psychology and Sports 1. Personality 2. Motivation, its type & techniques. 3. Exercise Adherence 4. Meaning, Concept & Types of Aggression s in Sports 5. Psychological Attributes in Sports	Send UP Examination FROM -08/09/2025 (Unit 1-7)
OCT	Unit 10 Training in Sports 1. Concept of Talent Identification and Talent Development in Sports 2. Introduction to Sports Training Cycle 3. Types & Methods to Develop	Strength, endurance and flexibility development training
NOV	4. Types & Methods to Develop – Flexibility and Coordinative Ability. 5. Circuit Training - Introduction & its importance	
DEC	Revision -Completion of left over , Practicals and Projects , Pre-Board-1	
JAN	AISSCE (CBSE) Boards Practical , Pre-Board-2	
FEB	AISSCE (CBSE) 2026	

APPLIED MATHEMATICS

MONTH	Units/Subunits/Topics/Chapters To be overed
APRIL	1. Matrices & Determinants Definition, Types of Matrices, Equality of Matrices , transpose of a matrix, Symmetric and Skew Symmetric matrix, Algebra of Matrices : Addition subtraction, multiplication of Matrices and related properties. Inverse of a matrix using elementary row operation. Determinant of order two and three, Solution of determinant using properties, Solution of system of linear equations using determinant (Cramer's Rule), Inverse of matrix using adjoint, Solution of system of linear equation using inverse of a matrix. 2. Numerical Inequalities
MAY	Calculus , Differentiation, Implicit, Logarithmic, Parametric, Higher order derivative. Modulo Arithmetic & Congruence modulo. Alligation & Mixture. , Pipes and Cistern.
JUNE	1. Rate measures 2. Tangent and normal 3. Marginal cost and Marginal revenue using derivatives. 4. Increasing and Decreasing functions.
JULY	1. Maxima and Minima 2. Indefinite Integration of Simple functions as anti derivative. Method of Integration By substitution, Partial Fraction , By Parts. 3. Definite integration and related properties. 4. Application of Integration Area , Use of definite integration to find consumer surplus and producer surplus
AUG	Differential Equation-Definition, Order and degree of differential equation. Formation of differential equation, Solution of differential equation. Using different method. Application of differential equation , Probability distribution , Random variables and its probability distribution, Mathematical Expectations , Variance, Binomial Distribution, Poisson Distribution, Normal Distribution
SEP	Linear programming . Introduction and related terminology, Mathematical formulation, Different types of LPP, Graphical Method of Solution for Problems in two Variables Feasible and infeasible solutions, Optimal feasible solution. . Financial Mathematics , Pertuity and sinking funds.
OCT	1. Financial Mathematics Continued Valuation of Bond, Calculation of EMI, Normal Rate of return, Compound Annual . Growth rate Stock, Shares and Debentures, Linear Method of Depreciation. Inferential statistics, Population and Sample, Parameter and Statistics and Statistical interferences, T-Test, 3. Revision - Matrices & Determinants
NOV	Index number and time-based data, Techniques of Finding trend by different, Methods-Moving Average method, Method of least square 2. Revision : Defferential Calculus 3. Revision : Integral Calculus 4. Revision : Probability
DEC	Revision -Completion of left over , Practicals and Projects , Pre-Board-1
JAN	AISSCE (CBSE) Boards Practical , Pre-Board-2
FEB	AISSCE (CBSE) 2026