

ENGLISH Core (301)

Month	No. of Days	No. of Periods	Topics to be covered & Sub- Topics to be covered	Skills Covered	Activities/Projects/Practical/ Specific Assessment Tools
April	23	20	1. The Last Lesson 2. The Third level 3. My Mother at Sixty Six 4. Letter Writing (Editorial, Job Application Resume & Bio-Data)	Builds empathy, critical thinking, moral values, communication, decision-making, and sensitivity towards the elderly.	Write a short note on the history of the Franco-Prussian war in relation to the chapter "The Last Lesson".
May	20	15	1. Lost Spring 2. The Tiger King 3. Keeping Quiet 4. Formal/ Informal invitation and reply	Enhances imagination, aesthetic sense, emotional awareness, appreciation of nature, poetic devices, and critical thinking skills.	Interact with the underprivileged children of your society and write down your experience in 200 words.
June	11	10	1. A Thing of Beauty 2. Deep water 3. Notice 4. Rattrap 5. The Enemy	Cultivates aesthetic sense, imagination, appreciation of nature, emotional insight, poetic analysis, critical thinking, and creativity.	Prepare a write up of 150 words on the topic "The Tiger King is replete with irony that reveals the follies of autocratic and wilful rulers who flout all laws and bend them to suit their selfish interests."
July	26	15	1. The Enemy(contd.) 2. Journey to the end of the Earth 3. Indigo 4. Article and Report Writing REVISION	Promotes ethical reasoning, empathy, human values, critical thinking, cultural sensitivity, moral dilemma analysis, and compassion.	Prepare a synopsis about World War 2 in relation to the chapter "The Enemy".
PERIODIC TEST-I / UNIT TEST-I			The Last Lesson, My mother at Sixty six, The Third Level, The Lost Spring, Letter Writing, Comprehension		
August	22	20	1. On the Face of It 2. Roadside Stand 3. Unseen Passage(Factual)	Develops social awareness, empathy, critical thinking, poetic appreciation, sensitivity to rural issues, and emotional understanding.	You are the manager of In lingual language institute. Draft an advertisement giving all necessary details about the institute for the Admission of students.
September	23	12	1. Poets and Pancakes 2. Aunt Jennifer's Tigers 3. The Interview REVISION	Enhances humor appreciation, observation, critical thinking, cultural insight, narrative skills, workplace dynamics, and media industry awareness.	Analyze gender roles, oppression, freedom, and symbolism in <i>Aunt Jennifer's Tigers</i> , highlighting personal strength and resilience.

MID – TERM EXAM			All the chapters (including writing skills) taught from April to August. MID TERM PRACTICAL EXAM		
October	18	16	1. Memories of Childhood 2. Article Writing	Encourages imagination, ambition, self-awareness, reality vs fantasy distinction, critical thinking, emotional insight, and aspirational understanding.	Prepare a write up of 150 words on the topic “People who suffer from disabilities must always look at the bright side of things and adapt to the Reality of life bravely.”
November	23	15	Going Places Revision	Encourages imagination and self-awareness	
PREBOARD - 1			Complete Syllabus		
December	20	-	Sample Paper, Revision		
January	22		Sahodaya Pre board Board Practical Examination	Complete syllabus	
February	15	-	BOARD EXAMINATION		

QUESTION PAPER PATTERN		
Sl. No.	Sections	Marks Allotted
1	Section - A: Reading Skills	22 Marks
2	Section - B: Creative Writing Skills	18 Marks
3	Section - C: Literature	40 Marks
4		
Total Marks		80 Marks
5	Internal Marks	20 Marks
Grand Total		100

Question Paper Design for Class XII English (Core) [Code: 301]

SECTION	COMPETENCIES	TOTAL MARKS
Section A : Reading Skills	Conceptual understanding, decoding, Analyzing, inferring, interpreting, appreciating, literary, conventions and vocabulary, summarizing and using appropriate format/s.	12+ 10 =22 marks
Section B: Creative Writing Skills	Conceptual Understanding, application of rules, Analysis, Reasoning, appropriate style and tone, using appropriate format and fluency, inference, analysis, evaluation and creativity	4+4+5+5=18marks
Section C : Literature	Recalling, reasoning, critical thinking, appreciating literary convention, inference, and analysis, creativity with fluency.	6marks 4marks 6marks 2*5=10marks 2*2=4marks 5marks 5 marks
	TOTAL	80
Internal Assessment	Assessment of Listening and Speaking Skills Listening Speaking	10 5+5
	Project Work	10
	GRAND TOTAL	100

MATHEMATICS

Month	No. of Days	No. of Periods	Topics to be covered & Sub- Topics to be covered	Skills Covered	Activities/Projects/Practical/ Specific Assessment Tools
April	23	21	Ch-3: Matrices - Types of Matrices - Operations on Matrices - Transpose of a matrix - Symmetric and Skew symmetric matrices - Invertible matrices Ch-4: Determinants - Determinant of a square matrix (up to 3×3 matrices), minors, co-factors, finding the area of a triangle. Adjoint and inverse of a square matrix. - Consistency, inconsistency - Solutions of system of linear equations	Covering a range of skills related to mathematical manipulation include performing operations on matrices (addition, subtraction, multiplication), Calculating determinants, solving systems of linear equations using matrices.	Activities based on Matrices. Peer Teaching Quiz
May	20	20	CH-1: Relations and Functions - Types of relations: reflexive, symmetric, transitive, equivalence relations - One to one and onto functions Ch-2 Inverse Trigonometric Functions - Range, domain, principal value branch Ch-5 : Continuity and Differentiability - Chain rule, derivative of composite functions, - Derivatives of inverse trigonometric function - Derivatives of logarithmic and exponential functions. - Logarithmic differentiation - Derivative of functions expressed in parametric forms	Identifying different types of Relations and functions and performing operations on Functions. Calculating Domain and Range. Solving Trigonometric equations, Understanding Domain and Range limitations. Graphical forms of Inverse Trigonometric Functions Differentiate different types of Functions	To verify the relation R in the set L of all lines in a plane defined by $R = \{ (l, m) : l \text{ is parallel to } m \}$ is an equivalence relation . To demonstrate a $f(x)$ which is one-one but not onto . To draw $\sin^{-1}x$ graph using the graph of $\sin x$ and demonstrate the concept of mirror reflection about the line $x = y$. Case study discussion Class test MCQ test
June	11	10	Ch-5 : Continuity and Differentiability (Cont...) - Continuity and differentiability - Second order derivatives Ch-6 Applications of Derivatives rate of change of quantities,	Applying calculus concepts to analyze and solve problems related to rates of change, and identifying and finding maxima and minima.	To understand local maxima and minima and point of inflection . Case study discussion Class test MCQ test

July	26	15	Ch-6 Applications of Derivatives (Cont...) - increasing/decreasing functions, - maxima and minima Ch-7 Integrals - Integration of functions by substitution, by partial fractions and by parts. - REVISION	Finding anti-derivatives (indefinite integrals), calculating definite integrals to determine area, and applying these concepts in various contexts like physics and engineering.	To understand the concept of absolute maxima and absolute minimum values of $f(x)$ in a given closed intervals through it's graph . To construct an open box of maximum value from rectangular sheet by cutting equal squares from each corner .
UNIT TEST-I			Ch-1,2,3,4,5		
August	22	20	Ch-7 Integrals (Cont.) Integrals of the different types of problems based on formula Basic properties of definite integrals and evaluation of definite integrals. Ch-8 Application of the Integrals Applications in finding the area under simple curves, especially lines, circles/ parabolas/ ellipses Ch-9 Differential Equations Order and degree, general and particular solutions of a differential equation. Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential equation	Calculating areas under curves Variety of mathematical skills including calculus (derivatives and integrals), algebra, problem-solving, and	To evaluate definite integral $\int_a^b \sqrt{1-x^2} dx$ as the limit of a sum and verify it by actual integration . Case study discussion Class test MCQ test
September	23	12	Ch-12 Linear Programming - Graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions. - REVISION	Formulating optimization problems, identifying variables and constraints, and employing various methods like graphical and simplex algorithms to find optimal solutions.	
MID – TERM EXAM & MID PRACTICAL EXAM			Ch-1, Ch-2, Ch-3, Ch- 4, Ch-5, Ch-6, Ch-7		

October	18	16	Ch-10 Vectors • Magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors. Ch-11 Three-dimensional Geometry • Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, skew lines, shortest distance between two lines. Angle between two lines.	Concepts like vector addition, subtraction, scalar multiplication, and dot/cross products Analytical thinking and the ability to visualize and manipulate objects in a three-dimensional space. It also reinforces skills in geometry, algebra, and problem-solving.	To verify geometrically that $\vec{c} \times (\vec{a} + \vec{b}) = \vec{c} \times \vec{a} + \vec{c} \times \vec{b}$ To measure the shortest distance between two skew lines and verify it analytically . Activities based on three Dimensional Geometry. Case study discussion Class test MCQ test
November	23	15	Ch-13 Probability • Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem. • REVISION	Calculating probabilities, understanding different types of probabilities, and applying probability concepts to real-world situations.	To explain the computation of conditional probability of a given event A when B has already occurred through an example of throwing a dice .
			PRE- BOARD-1	COMPLETE SYLLABUS	
December	20	18	SAMPLE PAPER DISCUSSION & REVISION	COMPLETE SYLLABUS	
January	22		SAHODAYA PRE BOARD & BOARD PRACTICAL EXAM		
February			CBSE BOARD EXAM		

QUESTION PAPER PATTERN

Sl. No.	Sections	Marks Allotted
1	Section - A: Very Short Answer Type (MCQs, Assertion – Reasoning type questions)	$1 \times 20 = 20$ Marks
2	Section - B: Short Answer type	$2 \times 5 = 10$ Marks
3	Section - C: Long Answer-I	$3 \times 6 = 18$ Marks
4	Section - D: Long Answer type -II	$5 \times 4 = 20$ Marks
5	Section E: Case based questions	$4 \times 3 = 12$ Marks
Total Marks		80 Marks
5	Internal Mark	20 Marks
Grand Total		100 Marks

Note: Promotion will be granted on securing pass mark in all subjects (Annual)

EVALUATION SCHEME FOR INTERNAL EXAM

Periodic Tests (Best 2 out of 3 tests conducted)	10 Marks
Mathematics Activities	10 Marks
Total marks	20 Marks

COURSE STRUCTURE(UNIT WISE)

No.	UNIT	Marks Allotted
I	Relations and Functions	08
II	Algebra	10
III	Calculus	35
IV	Vectors and Three - Dimensional Geometry	14
V	Linear Programming	05
VI	Probability	08
	Total	80

Class- XII				Subject-ACCOUNTANCY (O55)		
Month	No. of Days	No. of Periods	Topics to be covered & Sub- Topics to be covered	Skills Covered	Activities/Projects/Practical/ Specific Assessment Tools	
April	23	23	Accounting Part I Part A:Accounting For Partnership Firms and Companies Chapter -1 Accounting For Partnership Firms- Fundamentals Chapter 2- Goodwill :Nature and Valuation(Continued)	Develop skills of Preparation of Financial Statement of Partnership , Develop the skill of valuation of Goodwill	Solve Numerical Problems, Case Based Question on partnership.	
May	20	20	Chapter 2- Goodwill :Nature and Valuation(Continued) Chapter 3- Change in Profit Sharing Ratio Among existing Partners	Develop the skill of Accounting Treatment of partnership Firms	Case Based Question, Competency Based Question Solve Numerical problems on Goodwill.	
June	11	10	Chapter 4- Admission of Partner		Solve Numerical Problems on PSR.	
July	26	15	Chapter 5- Retirement of a Partner Chapter 6- Death of a Partner Chapter 7- Dissolution of Partnership Firm(Continued) REVISION		Solve Numerical Problems	
UNIT TEST-I			Chapter 1 to 3			
August	22	20	Chapter 7- Dissolution of Partnership Firm(Continued) Chapter 8 – Accounting for Share Capital Chapter 9- Issue of Debentures	Develop skill of Accounting Treatment of Issue shares ,Forfeiture and Re-issue. Develop skill of Accounting Treatment of Issue of Debentures	Case based Question ,Competency Based Question Solve Numerical Problems on Debentures	
September	23	12	Part B :Financial Statement Analysis Chapter 1 :Financial Statement of a Company Chapter 2 : Financial Statement Analysis REVISION	Develop the skill of analyzing Financial Statements	Solve Numerical Problem	
MID – TERM EXAM			Chapter 1 to 8			
October	18	16	Chapter 3-Tools of Financial Statement Analysis Chapter 4 -Accounting Ratios Chapter 5- Cash Flow Statement (Continued)	Develop skills of conducting Ratio Analysis	Case Based and Competency Based Question, Solve Numerical Problems on Cashflow.	
November	23	15	Chapter 5- Cash Flow Statement (Continued) REVISION	Developing the skill of preparing Cash Flow Statement	Solve Numerical Problems PROJECT WORK (Mentioned Below)	
December	19	19	SAMPLE PAPER DISCUSSION PRE-BOARD I			
Preboard 1			COMPLETE SYLLABUS			
January	22		SAHODAYA PRE-BOARD & BOARD PRACTICAL EXAMS			
February	11		CBSE BOARD EXAMS			

QUESTION PAPER PATTERN		
Sl. No.	Sections	Marks Allotted
1	Section - A: MCQ (20 questions)	1 x 20 = 20 Marks
2	Section - B: Short Questions-I (6 questions)	3 x 6 = 18 Marks
3	Section - C: Short Questions-II (3 questions)	4 x 3 = 12 Marks
4	Section - D: Long questions (5 questions)	6 x 5 = 30 Marks
Total Marks		80 Marks
5	Internal Marks	20 Marks
Grand Total		100 Marks

PROJECT WORK:

One specific project based on financial statement analysis of a company covering any two aspects from the following:

1. Comparative and common size financial statements
2. Accounting Ratios
3. Segment Reports
4. Cash Flow Statements

Question Paper Design

Theory: 80 Marks
Project: 20 Marks

3 hrs.

SN	Typology of Questions	Marks	Percentage
1	Remembering and Understanding: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas	32	40%
3	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	24	30%
4	Analysing, Evaluating and Creating: Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.	24	30%
TOTAL		80	100%

BUSINESS STUDIES (054)

Month	No. of Days	No. of Periods	Topics to be covered & Sub- Topics to be covered	Skills Covered	Activities/Projects/Practical/ Specific Assessment Tools
April	23	23	Part A: Principles and Functions of Management Chapter-1 : Nature and Significance of Management Chapter-2: Principles of Management	understanding functions including planning, organising, staffing, directing, and controlling, which are crucial for effective management and organizational success. . understanding the fundamental principles that govern effective management practices. This chapter explores the key principles laid down by pioneers like Henri Fayol, which are essential for guiding managerial actions and decision-making in an organisation.	Group activity, Peer teaching, Case studies discussion related to topic
May	20	20	Chapter-2: Principles of Management Chapter-3 : Business Environment	understanding the fundamental principles that govern effective management practices. This chapter explores the key principles laid down by pioneers like Henri Fayol, which are essential for guiding managerial actions and decision-making in an organisation.	Case studies discussion related to topic
June	11	10	Chapter-3 : Business Environment Chapter 4 : Planning	understanding and analyzing external factors impacting businesses, including economic, political, social, and technological environments, to enable informed decision-making. Understanding the concept of planning and its process like setting objectives, developing strategies, identifying alternatives,	Case studies discussion related to topic

				evaluating options, and implementing plans, which are crucial for effective managerial decision-making, having a deeper knowledge regarding the types of plans.	
July	26	15	Chapter 4 : Planning Chapter-5 : Organising REVISION	understanding organizational structures, delegation, centralization vs. decentralization, and coordination, all crucial for effective management and achieving organizational goals.	• Group activity, • Peer group teaching Quiz
UNIT TEST-I			• Chapter-1,2&3		
August	22	20	Chapter-5 Organising Chapter-6:Staffing Chapter7:Directing	Skills related to Human Resource Management (HRM), including recruitment, selection, training, development, performance appraisal, promotion, and compensation, all aimed at ensuring the organization has the right people in the right roles characteristics of global enterprises understanding skills around leadership, communication, motivation, and supervision to guide and influence employees towards achieving organizational goals.	Worksheets Case studies discussion related to topic
September	23	12	Chapter-7: Continuing..... Chapter-8:Controlling REVISION	skills related to setting standards, measuring performance, comparing it to standards, analyzing deviations, and taking corrective actions to ensure organizational activities align with plans and achieve goals efficiently.	skills related to setting standards, measuring performance, comparing it to standards, analyzing deviations, and taking corrective actions to ensure organizational activities align with plans and achieve goals efficiently.

MID – TERM EXAM			Chapter 1, 2, 3,4,5,6,7 and 8		
October	18	16	Part B: Business Finance and Marketing Chapter-11: Marketing Management Chapter-12: Consumer Protection	Having an understanding related to Key marketing functions include research, product development, distribution, packaging, standardization, and grading. The objectives of marketing are customer satisfaction, increasing demand, providing quality products, building goodwill, and generating profitable sales. Skills related to responsible consumers, including awareness of consumer rights, understanding unfair trade practices, and knowing how to seek redressal.	Case studies discussion related to topic
November	23	15	Chapter-9: Financial Management Chapter-10: Financial Markets REVISION	Skills in financial planning, budgeting, risk management, financial analysis, and decision-making related to investments, financing, and dividends, crucial for understanding business finances.	Case studies discussion related to topic
December	19	19	Sample paper discussion PRE-BOARD-1		
PRE-BOARD-1			Complete Syllabus		
January	22		SAHODAYA PRE-BOARD & BOARD PRACTICAL EXAMS		
February	11		CBSE BOARD EXAM		

QUESTION PAPER PATTERN		
Sl. No.	Sections	Marks Allotted
1	Section - A: MCQ (20 questions)	1 x 20 = 20 Marks
2	Section - B: Short Questions-I (6 questions)	3 x 6 =18 Marks
3	Section - C: Short Questions-II (3 questions)	4 x 3 = 12 Marks
4	Section - D: Long questions (5 questions)	6 x 5 = 30 Marks
Total Marks		80 Marks
5	Internal Marks	20 Marks
Grand Total		100 Marks

Note: Promotion will be granted on securing pass mark in all subjects (Annual & Aggregate)

Question Paper Design

Marks: 80

Duration: 3 hrs.

SN	Typology of Questions	Marks	Percentage
1	Remembering and Understanding: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas	32	40%
2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way	24	30%
3	Analysing, Evaluating and Creating: Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.	24	30%
Total		80	100%

ECONOMICS CLASS XII 2026-27					
Month	No. of Days	No. of Periods	Topics to be covered & Sub- Topics to be covered	Skills Covered	Activities/Projects/Practicals & Specific Assessment Tasks
April	23	23	MACROECONOMICS Chapter 1- Circular Flow of Income Chapter 2 -Basics Concepts of Microeconomics Chapter 3- National Income and Related Aggregates INDIAN ECONOMIC DEVELOPMENT Chapter 1 -Indian Economy on the Eve of Independence	Knowing the concepts of macroeconomics Developing their curious thinking	Worksheet for Case study & source-based question
May	20	20	INDIAN ECONOMIC DEVELOPMENT Chapter 2- Indian Economy (1950-1990) Chapter 3 -Liberalization, Privatization and Globalization	To Understand concepts of solving numerical Thinking process	Get information of the growth of Five-year plan
June	11	10	MACROECONOMIC Chapter 4 -National Income (Continuing)	To Understand concepts of solving numericals	Peer Teaching,Real life examples ,Competency Based Question
July	26	15	MACROECONOMIC Chapter 4 -National Income (Continuing) Chapter 5-Money INDIAN ECONOMIC DEVELOPMENT Chapter 4 -Human Capital Formation REVISION	Critical Thinking	Discuss Case based Question Source Based Question
UNIT TEST-I			MACROECONOMICS -Chapter 1 to 3 INDIAN ECONOMIC DEVELOPMENT – 1 TO 3		
August	22	20	MACROECONOMICS Chapter 6-Banking Chapter 7- Aggregate Demand and Related Concepts INDIAN ECONOMIC DEVELOPMENT Chapter 5 Rural Development Chapter 6- Employment: Growth, Informalization and other Issues	Comparative Skill	Worksheet for Case Based Question, Competency Question. PROJECT (Mentioned at bottom)
September	23	12	MACROECONOMICS Chapter 8- Income Determination and Multiplier REVISION	Application and Numerical Skill	PROJECT (Mentioned below)
MID – TERM EXAM			MACROECONOMICS-1 TO 8 INDIAN ECONOMIC DEVELOPMENT -1 TO 6		
October	18	16	MACROECONOMICS Chapter 9-Excess Demand and Deficient Demand	Application Skill, Critical Thinking	Worksheet for Case Based Question,Competency Question.

			Chapter 10- Government Budget and the Economy INDIAN ECONOMIC DEVELOPMENT Chapter 7 – Environment and Sustainable Development		
November	23	15	MACROECONOMICS Chapter 11-Foreign Exchange Rate Chapter 12 – Balance of Payments INDIAN ECONOMIC DEVELOPMENT Chapter 7(Continued) Chapter 8 – Comparative Development Experiences of India and its Neighbours	To develop curious thinking about evolution Comparative Skill	Worksheet for Case B Question, Competency Question.
December	19	19	SAMPLE PAPER DISCUSSION PRE-BOARD I		
PREBOARD 1			Complete syllabus		
January	22		SAHODAYA PRE-BOARD & BOARD PRACTICAL EXAMS		
February	11		CBSE BOARD EXAMS		

QUESTION PAPER PATTERN		
Sl. No.	Sections	Marks Allotted
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Total Marks		80 Marks
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Grand Total		100 Marks

PROJECT:-

The **objectives** of the project work are to enable learners to:

- probe deeper into theoretical concepts learnt in classes XI and XII
 - analyse and evaluate real world economic scenarios using theoretical constructs and arguments
 - demonstrate the learning of economic theory
 - follow up aspects of economics in which learners have interest
 - develop the communication skills to argue logically
- The **expectations** of the project work are that:
- learners will complete only **ONE** project in each academic session

- project should be of 3,500-4,000 words (excluding diagrams & graphs), preferably hand-written it will be an independent, self-directed piece of study

Role of the teacher

Class XII	
• Micro and Small Scale Industries	• Food Supply Channel in India
• Contemporary Employment situation in India	• Disinvestment policy of the government
• Goods and Services Tax Act and its Impact on GDP	• Health Expenditure (of any state)
• Human Development Index	• Inclusive Growth Strategy
• Self-help group	• Trends in Credit availability in India
• Monetary Policy Committee and its functions	• Role of RBI in Control of Credit
• Government Budget & its Components	• Trends in budgetary condition of India
• Exchange Rate determination – Methods and Techniques	• Currency War – reasons and repercussions
• Livestock – Backbone of Rural India	• Alternate fuel – types and importance
• Sarva Shiksha Abhiyan – Cost Ratio Benefits	• Golden Quadrilateral- Cost ratio benefit
• Minimum Support Prices	• Relation between Stock Price Index and Economic Health of a Nation
• Waste Management in India – Need of the hour	• Minimum Wage Rate – Approach and Application
• Digital India- Step towards the future	• Rain Water Harvesting – A solution to water crisis
• Vertical Farming – An alternate way	• Silk Route- Revival of the past
• Make in India – The way ahead	• Bumper Production- Boon or Bane for the farmer
• Rise of Concrete Jungle- Trend Analysis	• Organic Farming – Back to the Nature
• <i>Aatmanirbhar</i> Bharat	• e-Rupee (e- ₹)
• Sri Lanka's Economic Crisis	• Sustainable Development Goals (SDG's)
• Environmental Crisis	• Comparative Study of Economies (Maximum three economies)
• New Education Policy (NEP) 2020: A Promise for a New Education System	• G-20: Inclusive and Action Oriented
• Amrit Kaal: Empowered and Inclusive Economy	• Cashless Economy
• Any other newspaper article and its evaluation on basis of economic principles	• Any other topic

Suggested Question Paper Design

Marks 80

Duration 3 hrs

SN	Typology of Questions	Marks	Percentage
1	Remembering and Understanding: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas	32	40%
2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	24	30%
3	Analysing, Evaluating and Creating: Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.	24	30%
Total		80	100%

Subject Teacher
HOD
Coordinator
ANNUAL SYLLABUS 2026-27

Class- XII				Subject- Physical education	
Month	No. of Days	No. of Periods	Topics to be covered & Sub- Topics to be covered	Skills Covered	Activities/Projects/Practical/ Specific Assessment Tools
April	21	23	<u>Unit-1. Management of Sporting Events.</u> 1. Functions of Sports Events Management. 2. Various Committees & their Responsibilities. 3. Fixtures and their Procedures – Knock- Out and Combination tournaments. 4. Intramural & Extramural tournaments– Meaning, Objectives & Its Significance. 5. Community Sports program.	1. Students will learn about the concept of Management. 2. Students will be able to plan various types of Tournaments and draw Fixtures. 3. Students will learn the concept of Intramurals and Extramural.	
May	15	15	<u>Unit-2. Children & Women in Sports.</u> 1. Exercise guidelines of WHO for different age groups. 2. Common postural deformities- knock knees, flat foot, round shoulders, Lordosis, Kyphosis, Scoliosis, and bow legs and their respective corrective measures. 3. Women's participation in Sports- Physical, Psychological, and social benefits. 4. Special consideration (menarche and menstrual dysfunction). 5. Female athlete triad (osteoporosis, amenorrhea, eating disorders).	1. Students will learn about the Exercise guidelines of WHO. 2. Students will get to know different types of postural deformities and its corrective measures. 3. Importance of Physical Activities. 4. Will understand the meaning Female athlete Triad.	
June	10	15	<u>Unit- 3, Yoga as Preventive measure for Lifestyle Disease.</u> 1. Obesity: Procedure, Benefits & Contraindications of various asanas. 2. Diabetes: Procedure, Benefits & Contraindications of various asanas. 3. Asthma: Procedure, Benefits & Contraindications of various asanas. 4. Hypertension: Procedure, Benefits & Contraindications of various asanas. 5. Back Pain and Arthritis:	1. To make students Understand about the main life style disease - Obesity, Hypertension, Diabetes, Back Pain and Asthma. 2. To teach about different Asana in detail this can help as a preventive Measure for those Lifestyle Diseases.	1. Specialization: Football, Volleyball 2. Record preparation for Special Game for Practical.

			Procedure, Benefits & Contraindications of various asanas.		
July	24	15	<u>Unit- 4, Physical Education and Sports for CWSN.</u> 1. Organizations promoting Disability Sports. 2. Concept of Classification 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. • Revision for UT-I.	1. To make students understand the concept of Disability and Disorder. 2. To make them aware of Disability Etiquette. 3. To make the students understand the advantage of physical activity for CWSN. 4. To make the students aware of different strategies for making physical activity accessible for Children with Special Needs	1. Specialization: Basketball, Cricket. 2. Record preparation for Special Game for Practical.
UNIT TEST-I			Unit-1. Management of Sporting Events. Unit-2. Children & Women in Sports. Unit- 3, Yoga as Preventive measure for Lifestyle Disease. Unit- 4, Physical Education and Sports for CWSN.		
August	20	20	<u>Unit- 5, Sports & Nutrition.</u> 1. Concept of balanced diet and nutrition. 2. Macro and Micro Nutrients: Food sources & functions. 3. Nutritive & Non- Nutritive Components of Diet. 4. Eating for Weight control – A Healthy Weight, The Pitfalls of Dieting, Food Intolerance, and Food Myths. 5. Importance of Diet in Sports- Pre, During and Post competition Requirements. <u>Unit- 6, Test & Measurement in Sports.</u> 1. Fitness Test – SAI Khelo India Fitness Test in school. 2. Measurement of Cardio- Vascular Fitness – Harvard Step Test. 3. Computing Basal Metabolic Rate (BMR). 4. Rikli & Jones - Senior Citizen Fitness Test. 5. Johnsen – Methney Test of Motor Educability.	1. To make the students understand the importance of a balanced diet. 2. To make them aware of eating for weight loss and the results of the pitfalls of dieting. 3. To understand food intolerance & food myths. 1. To make students to determine physical fitness Index through Harvard Step Test/Rockport Test. 2. To measure the fitness level of Senior Citizens through Rikli and Jones Senior Citizen Fitness Test.	1. Yogic Asana and its process. 2. Record preparation for practical Exam.

September	21	15	<u>Unit- 7, Physiology & Injuries in Sport.</u> 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. 4. Physiological changes due to aging. 5. Sports injuries: Classification. • Revision for Mid-Term Exam. • PRACTICAL EXAM.	1. Learning the changes caused due to aging. 2. Understanding the various types of Sports Injuries, its cause and management.	1. SAI Khelo India Fitness Test practice for practical exam. 2. Record preparation for practical exam.
MID – TERM EXAM			Unit-1. Management of Sporting Events. Unit-2. Children & Women in Sports. Unit- 3, Yoga as Preventive measure for Lifestyle Disease. Unit- 4, Physical Education and Sports for CWSN. Unit- 5, Sports & Nutrition. Unit- 6, Test & Measurement in Sports. Unit- 7, Physiology & Injuries in Sport.		
October	16	15	<u>Unit- 8, Biomechanics and Sports.</u> 1. Newton's Law of Motion & its application in sports. 2. Types of Levers and their application in Sports. 3. Equilibrium – Dynamic & Static and Centre of Gravity and its application in sports. 4. Friction & Sports. 5. Projectile in Sports. <u>Unit- 9, Psychology and Sports.</u> 1. Personality; its definition & types. 2. Motivation, its type & techniques. 3. Exercise Adherence: Reasons, Benefits & Strategies for Enhancing it. 4. Meaning, Concept & Types of Aggressions in Sports. 5. Psychological Attributes in Sports – Self-Esteem, Mental Imagery, Self-Talk, Goal Setting.	1. Understanding Newton's Laws of Motion and their Application in Sports. 2. Make students understand the lever and its application in sports. 3. Understand the concept of Equilibrium and its application in sports. 4. Understanding the concept of Friction and Projectile in sports. 1. To make students understand Personality & its classifications. 2. To make students understand the concept of motivation, Exercise Adherence, Aggression in sports. 3. To make students understand Psychological Attributes in Sports.	1. SAI Khelo India Fitness Test practice for practical exam. 2. Record preparation for practical exam.

November	21	15	Unit- 10, Training in Sports. 1. Concept of Talent Identification and Talent Development in sports. 2. Sports Training Cycle- Micro, Meso, Macro Cycle. 3. Types & Methods to Develop –Strength, Endurance, and Speed. 4. Types & Methods to Develop – Flexibility and Coordinative Ability. 5. Circuit Training - Introduction & its importance. • Revision for Pre-Board Exam.	1. Understand sports training and the different cycle in sports training. 2. Understand different types & methods of strengths, endurance, speed, flexibility and coordinative ability. 3. understand Circuit training and its importance.	
Pre-Board – 1 , (Complete Syllabus)					
December	20	15	Sample Paper Discussion and Revision.		
January	22		Sahodaya Pre-board and CBSE Practical Examination.	Complete Syllabus.	
February			CBSE Board Examination.	Complete Syllabus.	

QUESTION PAPER PATTERN		
Sl. No.	Sections	Marks Allotted
1	Section- A, Multiple Choice Questions (18)	18 X 01 =18 Marks.
2	Section- B, Very Short Answer Type Questions (5)	05 X 02 = 10 Marks.
3	Section- C, Short Answer Type Questions (5)	05 X 03 = 15 Marks.
4	Section- D, Case Based Questions (3)	03 X 04 = 12 Marks.
5	Section- E, Long Answer Type Questions (3)	03 X 05 =15 Marks.
Total Marks		70 Marks
Internal Marks		
6	Physical Fitness Test: SAI Khelo India Test, Rockport Physical Fitness Test (BPFT)	6 Marks
7	Proficiency in Games and Sports. (Skill of any one IOA recognized Sport/Game of Choice).	7 Marks
8	Yogic Practices.	7 Marks
9	Record File.	5 Marks
10	Viva Voce (Health/ Games & Sports/ Yoga).	5 Marks
Total Marks		30 Marks
Grand Total		100 Marks.

Month	No. of Days	No. of Periods	Topics to be covered & Sub- Topics to be covered	Skills Covered	Activities/ Projects/ Practical / Specific Assessment Tools
April	23	17	Unit 1: Data Handling using Pandas-I: Introduction to Python libraries- Pandas, Matplotlib, Data structures in Pandas - Series and Data Frames. Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head and Tail Functions; Selection, Indexing and Slicing.	Understanding the need of Data Analysis using pandas Library. Ability to create Series Object from the given source Understanding the operations of Series Object	• Creating pandas Series from ndarray, dictionary and scalar value. • Series creation with Mathematical operations
May	20	15	Unit-1:Data Handling using Pandas-I: Data Frames: creation- from 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	Ability to create DataFrame Object from the given source. Understanding the operations of DataFrame Object	• Create a Data Frame of quarterly sales where each row contains the item category, item name, and expenditure. • Group the rows by the category and print the total expenditure per category. • Create a data frame for examination result and display row labels, column labels data types of each column and the Dimensions.
June	11	13	Unit-1 :Data Handling using Pandas-I: Importing/Exporting Data between CSV files and Data Frames. Data Visualization: Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram Customizing plots: adding label, title, and legend in plots.	Understanding the Data transfer between DataFrame and CSV file. Ability to Create Different types of Graphs using Matplotlib Library	• Importing and exporting data between pandas and CSV file. • Given the school result data, analyses the performance of the students on different parameters, e.g subject wise or class wise. • For the Data frames created above, analyze, and plot appropriate charts with title and legend. • Take data of your interest from an open source (e.g. data.gov.in), aggregate and summarize it. Then plot it using different plotting functions of the Matplotlib library.

July	26	15	Unit 2: Database Query using SQL Revision of database concepts and SQL commands covered in class XI Math functions: POWER (), ROUND (), MOD (). Text functions: UCASE()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME (). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). REVISION	Design SQL queries using different predefined functions and aggregate Functions.	- Print the min, max, sum and average marks of 10 students. - Find the total number of customers from each country in the table using Group By. - Write a SQL query to order the table in descending order of the marks.
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UNIT TEST-I			UNIT-1, UNIT-2 (Till taught)		
August	22	24	Unit 2: Database Query using SQL Querying and manipulating data using Group by, Having, Order by. Working with two tables using equi-join Unit 3: Introduction to Computer Networks: Introduction to networks, Types of network: PAN, LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh.	Learning terminology related to networking and internet.	Activities from Textbook and Reference Book with updated record containing programs.
September	25	10	Unit-3: (Continue....) Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. REVISION	Identifying internet security issues and configure browser settings.	Activities from Textbook and Reference Book
MID – TERM EXAM			UNIT-1, UNIT-2, UNIT-3(Till Taught)		

October	18	15	Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies. 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, cyber bullying, overview of Indian IT Act.	Identifying internet security issues and configures browser settings. Understand the impact of technology on society including gender and disability issues	Activities from Textbook and Reference Book.
November	23	25	E-waste: hazards and management. Awareness about health concerns related to the usage of technology. REVISION of All Chapters		PROJECT WORK
PREBOARD EXAM-1			COMPLETE SYLLABUS		

December	20	10	SAMPLE PAPER DISCUSSION REVISION
January	22		SAHODAYA PREBOARD & BOARD PRACTICAL EXAMINATION
February			CBSE BOARD EXAMINATION

QUESTION PAPER PATTERN		
No.	Sections	Marks Allotted
1	SECTION-A: MCQ & Assertion Reason Based Questions (21 Questions)	1 X 21 = 21 Marks
2	SECTION-B: Very Short Answer Type Questions (7 Questions)	2 X 7 = 14 Marks
3	SECTION-C: Short Answer Type questions (4 Questions)	3 X 4 = 12 Marks
4	SECTION-D: Case Based Questions (2 Questions)	4 X 2 = 8 Marks
5	SECTION-E: Long questions (3 Questions)	5 X 3 = 15 Marks
Total Marks		70 Marks
Practical Marks		30 Marks
GRAND TOTAL		100 MARKS

PRACTICAL EVALUATION SCHEME:

Duration:3 HRS

Maximum Marks:30

Evaluation Scheme for Examination	MARKS
Program using pandas and Matplotlib	8
SQL Queries	7
Practical File	5
Project Work	5
Viva-voce	5
TOTAL	30

PROJECT WORK:

The Class XII Informatics Practices (065) project involves developing a tangible IT application using Python (Pandas/Matplotlib) and MySQL, focusing on solving real-world problems. Groups of 2–3 students must create a project involving data management (CSV/SQL), analysis, and visualization.

Question Paper Design

Marks: 70

Duration: 3 hrs.

SN	Typology of Questions	Percentage
1	Knowledge and Understanding Based Questions	20%
2	Case Based/Competency Based Questions/Source Based Integrated Questions	50 %
3	Application of Knowledge / Concepts	30%

CLASS XII - HINDUSTANI MUSIC VOCAL (034)

MONTH	NO OF Days	NO OF PERIODS	TOPICS TO BE COVERED	SKILLS COVERED	Activities/Projects/ Practical
APRIL	23	9	1- Alankar in All Raagas Bhairav,Bageshri,Malkauns 2- Description of Prescribed Talas along with Tala Notation with Thah, Dugun, Tigun and Chaugun Jhaptala, Rupak, Dhamar	FUNDAMENTAL OF MUSIC	Practical skill Alankar
MAY	20	2	3- Raag Bhairav introduction	VOCAL FORMS	complex Alankar
JUNE	11	3	4- Brief study of the following: - Alankar, Kan, Meend, Khatka, Murki, Gamak. Brief study of the following Gram, Murchhana, Alap, Tana.	DEPTH KNOWLEDGE OF MUSICAL TERMS	Raag Bhairav Aron avroh Pakad
JULY	26	12	5- Chhota Khayala,Tarana of Raag Bhairav with Alap taan 6- Historical development of Time Theory of Ragas REVISION	PRACTICAL KNOWLEDGE OF RAAG DIFFERENT SINGING STYLE	Chhota Khayala and Tarana of Bhairav
UNIT TEST-I			All Topics From 1-6		
AUGUST	22	9	7- Introduction of all ragas and Writing in Notation the Compositions of Prescribed Ragas: Notation of one vilambit Khayal,one Dhamaar ,one Tarana,one chhota khayal Bageshri - Dhamaar 8-Detail study of Sangeet Ratnakar and Sangeet Parijat	EXPLAINING STRUCTURE OF TAAL UNDERSTANDING THE LIFE OF MUSICIANS	Raag Bageshri in detail All taal knowledge And showing taal by hand gesture
SEPTEMBER	23	9	9- Life Sketch of Faiyaz Khan Ustaad Bade Ghulam Ali Khan Krishna Rao Shankar Pandit Revision for Mid Term		
MID TERM			ALL TOPICS FROM 1-9		

AND PRACTICAL EXAM					
OCTOBER	18	6	10- Critical study of Prescribed Ragas along with recognizing the Ragas from phrases of Swaras and elaborating them. Malkauns- Vilambit and chhota khyal 11- Tuning of Tanpura	PRACTICAL KNOWLEDGE OF RAAG Tuning and structure of Tanpura	Singing Raag Bageshri in detail
NOVEMBER	23	9	12- Life Sketch and contribution of Contemporary Artist Revision for Pre Board 1	Identifying the raga by its Swara	Project File
PRE BOARD 1			Whole syllabus		
DECEMBER	20	9	Revision For Board Exam Sample Paper Discussion	Riyaz of Ragas	
JANUARY	20		Sahodaya pre Board Exam PRACTICAL REVISION	SINGING ALL RAAGAS WITH TAAL	
FEBRUARY	15		FINAL PRACTICAL	Project ,all ragas,all taal	
FINAL EXAM			BOARD EXAM (WHOLE SYLLABUS FROM 1-12)		

QUESTION PAPER PATTERN

Sl.No.	Section	Marks Allotted
1	Section A : MCQ	1 x 8 = 8 Marks
2	Section B: Short Questions	2 x 5 = 10 Marks
3	Section C: Long Questions	6 x 2 = 12 Marks
	Total	30
4	Practical	70
	Grand Total	100

PRACTICAL:

SECTIONS	MARKS
Choice Raga (Vilambit & Drut Khyal) any one	18
Examiner's Choice of Ragas	10
One Tarana and one Dhamar with Dugun and Chaugun	16
Identification of Ragas	6
Reciting the Thekas of Prescribed Talas with hand beats with Thah and Dugun and Chaugun: Jhaptala Rupak Dhamar	10
Tuning of Tanpura and questions regarding it	5
Project File	5
TOTAL PRACTICAL MARKS	70
Grand Total	100

ASSESSMENT PATTERN-XII

The school will conduct the Annual Scheme of Assessment after Pre-Board-II.

COMPOSITION OF QUESTION PAPER

(UT/MID-TERM/FINAL TERM)

Competency Based Questions (Evaluating & Creating) (Including MCQ's, Case-Based, Source based Integrated questions, HOTS etc)	50%
(Remembering & Understanding) Objective Type Questions	20%
(Application/Analysis) Short Answer Type and Long Answer Based Questions	30%

EXAMINATION PATTERN: SCHOLASTIC

ASSESSMENT	MONTH	FULLMARKS	AGGREGATE
UNIT TEST-I	JULY	40	-----
MID-TERM	SEPTEMBER	Theory (30/70/80) Practical (70/30/20)	T- 70 + P-30 T-80 + P-20
UNIT TEST-II/ PRE-BOARD-I	NOVEMBER/DECEMBER	40	-----
PREBOARD-II	JANUARY	Theory (30/70/80)	T- 70 + P-30 T-80 + P-20
ANNUAL EXAM	FEBRUARY-MARCH	Theory (30/70/80) Practical (70/30/20)	As per Board

Kindly note, student must clear all assessment, including Unit Test, Mid Term, Pre-Board-I and Pre-Board-II for qualifying to appear Board Exam.

However, to ensure the regular revision of concepts and to avoid learning gap, the school will conduct regular class test to monitor the progress. This in turn shall set the pace of continuous learning along with reinforcement of basic concept.

ASSESSMENT PATTERN: CO-SCHOLASTIC

Health and Physical Education, Work Education and General Studies will be graded on an 8-point grading scale (A1 to E) for the academic year 2026-27. The activities and projects pertaining to the above will be carried out throughout the academic session, which in turn will equip the students with core life skills and competencies to transform them into lifelong learners.

It is once again reiterated that the facilitators are giving optimum exposure and practice to the learners to keep them abreast with the latest changes. However, your support and encouragement towards the pattern will go a long way in yielding whole some learning and assessment.