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**	**21**	1. Portrait of a Lady 2. A Photograph (poem) 3. The Summer of the Beautiful White Horse	Understanding themes of nostalgia, relationships, and the passage of time.	Write the synopsis of the poem "A Photograph"
May	**4**	**4**	4.We are not Afraid to Die	Understanding the elements of adventure and survival through first-person narration.	Provide a detailed explanation of all the parts of the Wavewalker mentioned in the story We Are Not Afraid to Die..., describing the function of each part and including relevant pictures.
June	**10**	**8**	5. Tense 6. Note making and Summarizing 7. Discovering Tut: The Saga Continues 8. Reordering/ Transformation of sentences	Developing analytical reading skills to understand historical and scientific exploration, along with literary appreciation of descriptive and investigative writing styles.	Research and present a report on famous archaeological discoveries, highlighting their historical and scientific significance with visuals.
July	**15**	**12**	9. Speech and Debate 10.Laburnum Top(poem) 11.The Address 12.Clauses 13.Classified advertisements	Enhancing reading comprehension, understanding symbolism, appreciating poetic devices, analyzing themes of nostalgia, and interpreting emotions conveyed through vivid imagery and metaphors.	Your younger brother aged 5 has been missing for the last three days. Draft an advertisement in not more than 50 words for the Missing Persons column of a local newspaper.You are Ram/Rama. Contact number 93107XXXX
PERIODIC TEST-I			• THE PORTRAIT OF A LADY • A PHOTOGRAPH • SUMMER OF BEAUTIFUL WHITE HORSE, • COMPREHENSION • NOTE-MAKING AND SUMMARISING.		
August	**20**	**17**	14.Poster writing 15.Voice of the Rain(poem) 16.Mother's Day	Understanding personification, appreciating imagery, analyzing cyclical patterns in nature, and interpreting the poem's deeper philosophical meaning.	Make a chart of all the literary devices used in the poem "Voice of the Rain". Define them along with other examples and paste pictures.
September	**12**	**10**	17.Childhood (poem) 18.The Adventure	Identifying themes of self-awareness, loss of innocence, poetic devices, introspection, and the transition from childhood to maturity.	Debate on the topic " Which is better: Childhood or Adulthood?"

MID – TERM EXAM			• All the topics taught from April to August		
October	**16**	**15**	19.Tale of Melon City 20.Father to Son 21.Case based and factual passage	Understanding satire, irony, absurdity, symbolism, governance, and interpretation of justice in society.	Write a letter or poem expressing emotions in a strained parent-child relationship, highlighting reconciliation and understanding.
November	**23**	**21**	22.Birth 23. Silk Road	Developing travel writing analysis, cultural insights, descriptive imagery, and narrative comprehension skills.	Make a list of all the Silk Road facts that you didn't know.
December	**20**	**15**	24. Descriptive passage 25. Revision		
PERIODIC TEST-II			• VOICE OF THE RAIN, • TALE OF MELON CITY , • MOTHER'S DAY , • FATHER TO SON , • TENSE • CLAUSE • COMPREHENSION • NOTE MAKING AND SUMMARISING • SPEECH AND DEBATE		
January	**22**	**12**	Revision		
February	**15**		Annual Examination		
ANNUAL EXAM			All The Topics Taught		

QUESTION PAPER PATTERN		
Sl. No.	**Sections**	**Marks Allotted**
1	**Section - A: READING SKILLS**	26 Marks
2	**Section - B: GRAMMAR AND CREATIVE WRITING SKILLS**	23 Marks
3	**Section - C: LITERATURE**	31 Marks
Total Marks		80 Marks
4	**Internal Mark**	20 Marks
Grand Total		100 Marks

MATHEMATICS (041)					
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**	**1.Sets** • Introduction • Types of Sets • Venn Diagram • Operations on Sets	• Classification & representation of data (set notation, Venn diagrams) • Logical reasoning using operations (union, intersection, complement) • Analytical comparison of sets • Problem-solving using real-life situations	To verify that for two sets A & B, n(A×B) = pq and the total number of relations from A to B is 2^{pq} , where n(A) = p and n(B) = q . To verify the distributive law for three given non-empty sets A, B and C that is $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$.
May	**04**	**04**	**2. Relations and Functions** • Ordered Pairs, Cartesian Product • Domain, Co-domain **Summer Vacation**	• Mapping relationships between variables • Understanding domain, range, co-domain	
June	**11**	**10**	**2. Relations and Functions(Continued)** • Range • Types of Functions • Graphs of Functions	• Functional thinking and abstraction • Graph interpretation and analysis	Activities based on Relation and Functions
July	**26**	**15**	**3. Trigonometric Functions** • Angles in radian & degrees • Conversion between radian & degrees • Definition via unit circle • Identities • Graphs, domain & range • Addition & subtraction formulas • Multiple and Sub – Multiple angle identities **4. Complex Numbers and Quadratic Equations** • Need for √–1 • Algebraic properties • Argand plane • Quadratic equations in complex numbers **Revision**	• Angle measurement (degrees ↔ radians) • Application of identities and transformations • Graphical visualization of periodic functions • Algebraic manipulation and simplification • Abstract number system understanding • Algebraic manipulation of complex numbers • Equation solving and root analysis • Visualization on Argand plane	To plot the graph of $sinx, sin2x, 2sinx$ & $sin\frac{x}{2}$ using same coordinate axes .
UNIT TEST-I			• Ch – 1, 2 and 3		

August	**22**	**20**	**5. Linear Inequalities** • Linear inequalities in one variable • Graphical representation • Algebraic solutions **6. Permutations and Combinations** • Counting principle • Factorials (n!) • nPr, nCr • Derivations & simple applications	• Logical reasoning and inequality solving • Graphical representation of solutions • Decision-making in constraints-based problems • Counting techniques and arrangements • Logical thinking & case analysis • Application in probability problems	To verify that the graph of a given inequality, say $5x + 4y - 40 < 0$ of the form $ax + by + c < 0$, $a, b > 0$ $c < 0$ represents only one of the two half planes .
September	**23**	**12**	**9. Straight lines** • Slope of a line • Equations of lines (slope-intercept, two-point, point-slope, intercept form) • Distance of a point from a line • Angle between lines **Revision**	• Graphical interpretation of equations • Slope analysis and geometric reasoning • Problem-solving using coordinate system	To verify that the equation of a line passing through the point of intersection of two lines as $a_1x + b_1y + c_1 = 0$ and $a_2x + b_2y + c_2 = 0$ is of the form $(a_1x + b_1y + c_1) + \lambda(a_2x + b_2y + c_2) = 0$
MID – TERM EXAM & MID – PRACTICAL EXAM			Ch – 1, 2, 3, 4, 5 and 6		
October	**18**	**16**	**7. Binomial Theorem** • Statement & proof for positive indices • Pascal's triangle • Simple applications **8. Sequence and Series** • Arithmetic Mean (A.M.) • Geometric Progression (G.P.) • General & nth term of a G.P. • Sum of n terms & infinite G.P • Geometric Mean (G.M.) • Relation between A.M. & G.M.	• Expansion techniques • Pattern recognition • Coefficient identification • Algebraic simplification • Pattern identification and generalization • Logical progression (AP, GP) • Summation techniques • Analytical reasoning	To demonstrate that the arithmetic mean of two different positive numbers is always greater than the geometric mean .
November	**23**	**21**	**10. Conic Sections** • Circles, ellipses, parabolas, hyperbolas • Degenerate cases • Standard equations & properties **11. Introduction to Three Dimensional Geometry**	• Visualization of curves (circle, parabola, ellipse, hyperbola) • Equation derivation and interpretation • Real-life application of geometry • Spatial visualization • Coordinate representation	To explain the concepts of octants by three mutually perpendicular planes in the space .

			• Coordinate axes & planes • Coordinates of a point • Distance between two points	in 3D space • Distance and section analysis	
December	**20**	**15**	**12. Limits and Derivatives** • Idea of limits • Limits of polynomials, rational, trigonometric, exponential & logarithmic functions • Derivative as rate of change & slope • Derivatives of polynomial & trigonometric functions • Rules: sum, difference, product, quotient **14. Probability** • Events & outcomes • Mutually exclusive & exhaustive events • Axiomatic approach • Probability of 'not', 'and', 'or' events **Revision**	• Concept of limit (approach & continuity) • Basic differentiation • Understanding rate of change • Foundation for higher calculus • Chance and uncertainty analysis • Logical reasoning using events • Real-life application of probability • Decision-making under uncertainty	To find analytically $lim_{x\to c} f(x) = \frac{x^2-c^2}{x-c}$ Verification of geometrical significance of derivative . To write the sample space of a die if rolled once and twice
UNIT TEST-II			Ch – 7, 8, 9 and 10		
January	**22**	**12**	**13. Statistics** • Range • Mean deviation • Variance • Standard deviation (grouped & ungrouped data) **Practical Exam**	• Data collection & organization • Graphical representation (histograms, ogives) • Measures of central tendency • Data interpretation	Activities based on Statistics
February			**Revision** **Annual Exam**	Complete Syllabus	

QUESTION PAPER PATTERN		
Sl. No.	**Sections**	**Marks Allotted**
1	**Section - A: (18 MCQ'S & 2 Assertion and Reason Questions)**	1×20 = 20 Marks
2	**Section - B: (5 Very Short Answer Type Questions)**	2× 5 = 10 Marks
3	**Section - C: (6 Short Answer Type Questions)**	3× 6 = 18 Marks
4	**Section - D: (4 Long Answer Type Questions)**	5× 4 = 20 Marks
5	**Section - E: (3 Case Based Type Questions)**	4× 3 = 12 Marks
Total Marks		80 Marks
6	**Internal Marks**	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

ACCOUNTANCY (055)

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	**22**	**22**	**Chapter 1-Introduction to Accounting** **Chapter -2 Basic Accounting Terms**	Understanding the concept of Accounting and Basic Accounting Terms	Case Based Question, Competency Based Question Solve Numerical problems
May	**04**	**08**	**Chapter 3 Theory Base of Accounting**	Develop the skill of Preparation of Accounting Equation.	Case Based Question, Competency Based Question Solve Numerical problems
June	**11**	**10**	**Chapter 5 Accounting Equation** **Chapter 6-Accounting Procedures – Rules for Debit and Credit**	Develop the skill of applying the Basic Rules of Debit and Credit.	Case Based Question, Competency Based Question Solve Numerical problems
July	**26**	**15**	**Chapter 4- Bases of Accounting** **Chapter 7 Origin of Transactions** **Chapter 8-Journal** **Chapter 9 Ledger** **Chapter 14 Trial Balance** **REVISION**	Develop the skill of Preparing Journal and Ledger.	Case Based Question, Competency Based Question Solve Numerical problems. Collection of source documents, preparation of vouchers, recording of transactions with the help of vouchers
UNIT TEST-I			**Chapter 1 to 6**		
August	**22**	**20**	**Chapter 10 -Special Purpose Book I-Cash Book** **Chapter 11- Special Purpose Book II -Other Books**	Developing the skill of preparing Cash Book and its Subsidiary Books.	Case Based Question, Competency Based Question Solve Numerical problems
September	**23**	**12**	**Chapter 15 Depreciation (Continued)** **REVISION**	Developing the skill of Charging Depreciation and Accounting of Depreciation.	Case Based Question, Competency Based Question Solve Numerical problems
MID – TERM EXAM			**Chapter 1 to 11**		
October	**18**	**16**	**Chapter 15 - Depreciation(Continued)** **Chapter 16-Provision and Reserves** **Chapter 13 -Bank Reconciliation Statement** **Chapter 12 Accounting for Goods and Services Tax**	Developing the skill of Preparing Bank Reconciliation Statement and Simple GST calculation	Case Based Question, Competency Based Question Solve Numerical problems. Preparation of Bank Reconciliation Statement with the given cash book and the pass book with twenty to twenty-five transactions.
November	**23**	**21**	**Chapter 17 Rectification of Errors** **Chapter 18 Financial Statements of Sole Proprietorship (Continued)**	Developing the skill of Rectifying the Error and passing Journal Entries.	Case Based Question, Competency Based Question Solve Numerical problems

December	**20**	**15**	**Chapter 19Adjustments in Preparation of Financial Statements(half) REVISION**	Developing the skill of Preparation of Final Accounts	Case Based Question, Competency Based Question Solve Numerical problems (PROJECT WORK - MENTIONED IN BOTTOM)
UNIT TEST-II			**Chapter 12 to 16**		
January	**22**	**12**	**Chapter 19Adjustments in Preparation of Financial Statements (half) Chapter 20 Accounts from Incomplete Record Revision for Annual Exams**	Developing the skill of Preparing Accounts from Incomplete Record.	Case Based Question, Competency Based Question Solve Numerical problems. (PROJECT WORK - MENTIONED IN BOTTOM)
February	**11**		**Revision for Annual Exams**		
ANNUAL EXAM			**Chapter 1 to 20**		

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)

PROJECT:

Comprehensive project of any sole proprietorship business. This may state with journal entries and their ledgering, preparation of Trial balance. Trading and Profit and Loss Account and Balance Sheet. Expenses, incomes and profit (loss), assets and liabilities are to be depicted using pie chart / bar diagram. This may include simple GST related transactions.

It is suggested to undertake this project after completing the unit on preparation of financial statements. The student(s) will be allowed to select any business of their choice or develop the transaction of imaginary business. The project is to run through the chapters and make the project an interesting process. The amounts should emerge as more realistic and closer to reality.

Specific Guidelines for Teachers

Give a list of options to the students to select a business form. You can add to the given list:

1. A beauty parlour	10. Men's wear	19. A coffee shop

2. Men's saloon	11. Ladies wear	20. A music shop
3. A tailoring shop	12. Kiddies wear	21. A juice shop
4. A canteen	13. A Saree shop	22. A school canteen
5. A cake shop	14. Artificial jewellery shop	23. An ice cream parlour
6. A confectionery shop	15. A small restaurant	24. A sandwich shop
7. A chocolate shop	16. A sweet shop	25. A flower shop
8. A dry cleaner	17. A grocery shop	
9. A stationery shop	18. A shoe shop	

After selection, advise the student(s) to visit a shop in the locality (this will help them to settle on a realistic amounts different items. The student(s) would be able to see the things as they need to invest in furniture, decor, lights, machines, computers etc.

A suggested list of different item is given below.

1. Rent
2. Advance rent [approximately three months]
3. Electricity deposit
4. Electricity bill
5. Electricity fitting
6. Water bill
7. Water connection security deposit
8. Water fittings
9. Telephone bill
10. Telephone security deposit
11. Telephone instrument
12. Furniture
13. Computers
14. Internet connection
15. Stationery
16. Advertisements
17. Glow sign
18. Rates and Taxes
19. Wages and Salary
20. Newspaper and magazines
21. Petty expenses
22. Tea expenses
23. Packaging expenses
24. Transport
25. Delivery cycle or a vehicle purchased
26. Registration
27. Insurance
28. Auditors fee
29. Repairs & Maintenance
30. Depreciations
31. Air conditioners
32. Fans and lights
33. Interior decorations
34. Refrigerators
35. Purchase and sales

At this stage, performas of bulk of originality and ledger may be provided to the students and they may be asked to complete the same. In the next step the students are expected to prepare the trial balance and the financial statements.

Question Paper Design

Theory: 80 Marks **3 hrs.**
Project: 20 Marks

Typology of Questions	Marks	Percentage
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%**
Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	**24**	**30%**

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	**22**	**22**	**Chapter-1:** Business, Trade and Commerce **Chapter-2 :** Forms of Business Organisations	Understanding business fundamentals, Including defining business, distinguishing it from other economic activities, and exploring business activities and the role of trade and commerce. Understanding various business structures, including sole proprietorship, partnership, and companies, along with the factors influencing the choice of business organization	Group activity, Peer teaching
May	**04**	**08**	**Chapter-2**: Continuing		
June	**11**	**10**	**Chapter-1**: Continuing		
July	**26**	**15**	**Chapter-2: Continuing** **REVISION**		Group activity, Peer teaching
UNIT TEST-I			**Chapter** -1 & 2		

August	**22**	**20**	**Chapter-3:** Public Private and Global Enterprises **Chapter-4:** Business services	Understanding different types of business organizations, analyzing the role of public and private sectors, and evaluating the characteristics of global enterprises Understanding various services supporting businesses, including banking, insurance, communication, and transportation, understanding their functions and importance.	Topics for Project Work • Any forms of Business organization • Trade and aids to trade • Any forms of Public Or Private Enterprises • Recent trends of E-Business
September	**23**	**12**	**Chapter-5:** Emerging Modes of E-Business **REVISION**	Understanding about e-business, outsourcing, and their related concepts, including understanding their scope, benefits, and limitation	
MID – TERM EXAM			• **Chapter -** 1, 2, 3, 4 & 5		
October	**18**	**16**	**Chapter-6 :** Social Responsibility of Business and Business Ethics Part B: Finance and Trade **Chapter-7 :** Sources of Business Finance	understanding social responsibility, business ethics, and their impact on various stakeholders and the environment. understand and analyze various financing options, including identifying different sources, evaluating their merits and limitations, and understanding their impact on a business.	Case studies discussion
November	**21**	**15**	**Chapter-7:** Continuing **REVISION**		

December	**23**	**21**	**Chapter -8 :** Small Business **Chapter-9 :** Internal trade	Understanding business fundamentals, developing analytical skills, exploring the business environment, and building an entrepreneurial mindset, with a focus on entrepreneurship development and the role of small businesses in India. Understanding about the buying and selling of goods and services within a country's borders, including understanding different types of retailers, the role of wholesalers, and the importance of trade associations.	**Project work:** Business finance Concepts of Internal trade Export procedure to be followed by a company
UNIT TEST-II		**Chapter -**6 & 7			
January	**22**	**12**	**Chapter-9:** (Contd.) **Chapter-10:**International trade **Revision for Annual exam**	understanding international trade concepts, procedures, and benefits, including import/export processes, documentation, and the role of international organizations, Ultimately fostering analytical and problem-solving abilities.	

Class-XI E			**Subject - ECONOMICS (030)**		
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	**22**	**22**	**INTRODUCTORY MICROECONOMICS** **Chapter 1** Introduction to Microeconomics **STATISTICS FOR ECONOMICS** **Chapter 1** Economics: An Introduction	Understanding foundational skills in understanding economic concepts, analyzing markets, and making informed decisions, including critical thinking, problem-solving, and applying economic theory to real- world scenarios. Cultivates a range of valuable skills, including strong analytical and problem-solving abilities, critical thinking, and the ability to understand complex systems and data analysis, all crucial for success in various fields.	Group activity, Peer teaching
May	**04**	**08**	**STATISTICS FOR ECONOMICS** **Chapter-1**: Continuing		
June	**11**	**10**	**STATISTICS FOR ECONOMICS** **Chapter-1**: Continuing **INTRODUCTORY MICRO ECONOMICS** **Chapter 1** Introduction to Microeconomics		
July	**26**	**15**	**INTRODUCTORY MICRO ECONOMICS** **Chapter 2**-Consumer Equilibrium **STATISTICS FOR ECONOMICS** **Chapter 2:** Meaning ,Scope and Importance of Statistics **REVISION**	Develops skills in analyzing consumer behavior, understanding utility, and applying economic principles to make informed decisions. Develops skills in collection, description, analysis, and inference of conclusions from quantitative **data**.	Group activity, Peer teaching
UNIT TEST-I			• INTRODUCTORY MICROECONOMICS Chapter -1,2 . • STATISTICS FOR ECONOMICS Chapter -1		

August	**22**	**20**	**INTRODUCTORY MICRO ECONOMICS** **Chapter 3**: Demand **Chapter 4:** Elasticity of Demand **Chapter 5:** Production Function **STATISTICS FOR ECONOMICS** **Chapter 3:** Collection of Data **Chapter 4:** Organisation of Data	The ability to interpret the law of demand, analyze demand curves, and calculate different types of elasticity (price, income, and cross-price). It also requires understanding the factors influencing demand, differentiating between shifts and movements along the demand curve, and applying these concepts to real- world scenarios and business strategies. Different methods and techniques employed in data collection, including **surveys, interviews, experiments, observations, and data mining** Encompass a range of abilities related to efficiently managing, storing, and retrieving information. These skills are crucial for data professionals, analysts, and anyone working with data, as they ensure data quality, accessibility, and security.	
September	**23**	**12**	**INTRODUCTORY MICROECONOMICS** **Chapter 6:** Costs **Chapter 7:** Revenue **STATISTICS FOR ECONOMICS** **Chapter 5:** Tabular Presentation **REVISION**	Understanding and utilizing skills related to calculating, analyzing, and managing various types of costs. These skills encompass understanding different cost concepts, analyzing cost-benefit trade-offs, and making informed decisions based on cost considerations. Data Organization, Structure and Design, Clarity and Conciseness, Consistency, Statistical Analysis and Interpretation, and Communication.	
MID – TERM EXAM			• INTRODUCTORY MICROECONOMICS- Chapter 1 to 6 • STATISTICS FOR ECONOMICS – Chapter 1 to 6		

October	**18**	**16**	**STATISTICS FOR ECONOMICS** **Chapter 6:** Diagrammatic Presentation **Chapter 7:** Graphic Presentation	Skills, including data analysis, visualization techniques, and an understanding of different chart types. skills encompass a range of abilities, including visual communication, design principles, software proficiency, and communication skills.	Group activity and peer teaching; Solving the different numerical based on the chapter
			Chapter 8: Measures of Central Tendency -AM **INTRODUCTORY MICRO ECONOMICS** **Chapter 8:** Producer Equilibrium	Measures of central tendency, specifically the mean, median, and mode, are crucial for summarizing and understanding a dataset's central or typical value. They provide a single number that represents the "middle" or "average" of the data, aiding in data analysis and interpretation. Focuses on maximizing profits by finding the optimal production level where marginal cost equals marginal revenue. This requires understanding cost curves, revenue curves, and the relationship between them, as well as applying analytical skills to determine the profit-maximizing output	
November	**23**	**21**	**STATISTICS FOR ECONOMICS** **Chapter 9:** Supply Measures of Central Tendency -Median and Mode **Chapter 10:** Main Market Forms Measures of Correlation	Understanding the data analysis, interpretation, and the ability to choose the appropriate measure based on the data type and distribution. Understanding main market forms and measures of correlation involve a blend of economic theory, statistical analysis, and market analysis. These skills are crucial for understanding how different market structures influence pricing, competition, and the relationships between variables in the market.	Solving the different numericals based on the chapter

December	**20**	**15**	**STATISTICS FOR ECONOMICS** **Chapter 11:** Index Numbers **REVISION**	Data manipulation, identifying trends and patterns, comparing data across time or location, and interpreting results in a financial or economic context. Specifically, these skills include understanding how to calculate index numbers, choosing appropriate methods for different situations, and using index numbers to measure changes in variables like prices, quantities, or values.	Solving the different numericals based on the chapter
UNIT TEST-II			INTRODUCTORY MICROECONOMICS- Chapter 8 & 9 STATISTICS FOR ECONOMICS – Chapter 6, 7 & 8		
January	**22**	**12**	**STATISTICS FOR ECONOMICS** **Chapter 11:** Index Numbers **REVISION**		Project work(any one topic) Effect on PPC due to various government policies Opportunity Cost as an Economic Tool (taking real life situations) Effect on Equilibrium Prices in Local Market (taking real life situation or recent news) Solar Energy, a Cost-Effective Comparison with Conventional Energy Sources Any other newspaper article and its evaluation on basis of economic principles
February			**REVISION**		
ANNUAL EXAM			INTRODUCTORY MICROECONOMICS- Chapter 1 to 8 STATISTICS FOR ECONOMICS – Chapter 1 to 11		

QUESTION PAPER PATTERN		
Sl. No.	**Sections**	**Marks Allotted**
1	**Section - A: MCQ & Assertion-Reason (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)

Maximum Marks – 80 **Time** – 3 Hours

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%**

INFORMATICS PRACTICES (065)

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: Introduction to Computer and computing:** Introduction to computer Basic Components of a Computer, Evolution of Computing device. **Computer Memory:** Units of memory, types of memory – primary andsecondary, Data Deletion, its recovery and related security concerns. **Software:** system and application software	Understanding the concept of Computer and Identifying different components of a Computer. Understanding the need of Memory in Computing Devices. Understanding the different Software used for different purposes.	• Activities from Textbook • Identify the components of computer system.
May	**04**	**04**	**Software: G**eneric and Specific purpose software.	.	• Activities from Textbook • Identify the components of Computer system.
June	**11**	**13**	**Unit 2: Introduction to Python:** Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, Identifiers, keywords, constants, variables.	Understanding the terms used in Python Programming Language.	**PROGRAMS** • To find average and grade for given marks. • To find sale price of an item with given cost and discount (%).
July	**26**	**18**	**Python (continue…):** Types of operators, precedence of operators, Data types, mutable and immutable data types, statements, expression evaluation, comments, input and output statements, data type conversion, debugging. **REVISION**	Ability to grasp core Python syntax like variables, data types along with problem-solving skills. Understanding the fundamental tools for controlling the flow of execution in a program.	• To calculate perimeter/circumference and area of shapes such as triangle, rectangle, square and circle. • To calculate Simple and Compound interest. • To calculate profit-loss for given Cost and Sell Price.
UNIT TEST-I			**UNIT-1, UNIT-2 (Till taught)**		

August	**22**	**24**	**Python (continue…):** **Control Statements:** if-else, if-elif- else, while loop, for loop. **Lists: list operations -** creating, initializing, traversing and manipulating lists, list methods. **built-in functions** : len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(),min(),max(),sum() **Dictionary:** concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods	Ability to create a List in Python and working with Elements by using different functions. Ability to create a Dictionary in Python and working with Key Value pairs.	• To find the largest and smallest numbers in a list. • To find the third largest/smallest number in a list. • To find the sum of squares of the first 100 natural numbers.
September	**23**	**10**	**built-in functions –** dict(), len(), keys(),values(), items(), update(), del(), clear() **Introduction to NumPy:** Introduction, Creation of NumPy Arrays from List **REVISION**	Ability to work with different dictionary functions Understanding the concept of numerical functionalities in python.	• Create a dictionary to store names of states and their capitals. • Create a dictionary of students to store names and marks obtained in 5 subjects.
MID – TERM EXAM & MID-PRACTICAL EXAM			**UNIT-1, UNIT-2(Till Taught)**		
October	**18**	**15**	**UNIT:3** **Database Concepts:** Introduction to database concepts and its need, Database Management System. **Relational data model:** Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using SQL, DDL, DQL and DML, Introduction to MySQL, creating a database using MySQL, Data Types,	Creating, manipulating, and analyzing multi-dimensional arrays, performing numerical computations, utilizing mathematical functions Understand database concepts and Relational Database Management Systems.	To create a database To create student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key.

November	**23**	**25**	**Data Definition:** CREATE DATABASE, CREATE TABLE, DROP, ALTER **Data Query:** SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL **Data Manipulation:** INSERT, DELETE,UPDATE	Retrieve and manipulate data in RDBMS using Structured Query Language.	• To insert the details of at least 10 students in the above table. • To display the entire content of table. • To display Rno, Name and Marks of those students who are scoring marks more than 50. • To display Rno, Name, DOB of those students who are born between '2005- 01-01' and '2005-12-31'.
December	**20**	**15**	**Unit 4: Introduction to the Emerging Trends:** Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive Experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities. **REVISION**	Identify the Emerging trends in the fields of Information Technology.	Activities from Textbook
UNIT TEST-II			**UNIT-2,UNIT-3**		
January	**22**	**12**	**Unit 4: Introduction to the Emerging Trends:** Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology. **Revision of All Units** **Practical Exam**		
February	**09**	**5**	**ANNUAL EXAMINATION**		
ANNUAL EXAM			**UNIT-1, UNIT-2,UNIT-3,UNIT-4**		

QUESTION PAPER PATTERN		
SLNO	**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
6	**Practical Marks**	30 Marks
GRAND TOTAL		**100 MARKS**

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

PRACTICAL EVALUATION SCHEME:

Duration: 3 HRS **Maximum Marks: 30**

Evaluation Scheme for Examination	MARKS
Problem solving using Python programming Language	11
Creating database using MySQL and performing Queries	7
Practical File	7
Viva-voce	5
TOTAL	**30**

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%

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	**23**	**21**	<u>Unit- 1, Changing Trends and Careers in Physical Education.</u> 1. Concept, Aims & Objectives of Physical Education. 2. Development of Physical Education in India – Post Independence. 3. Changing Trends in Sports- playing surface, wearable gear and sports equipment, technological advancements. 4. Career options in Physical Education 5. Khelo-India Program and Fit – India Program <u>Unit- 2, Olympism Value Education.</u> 1. Olympism – Concept and Olympics Values. 2. Olympic Value Education – Joy of Effort, Fair Play, Respect for Others, Pursuit of Excellence, Balance Among Body, Will & Mind. 3. Ancient and Modern Olympics. 4. Olympics - Symbols, Motto, Flag, Oath, and Anthem.	1. To understand the meaning, aims, and objectives of Physical Education. 2. Development of sports surfaces, wearable gear, sports equipment, and technology. 3. To make students know the different career options available in the field of P.E. 4. To make them know about the Khelo India Program. 1. Concepts and Olympics Values (Excellence, Friendship & Respect) 2. To make students learn about Olympic Value Education – Joy of Effort, Fair Play, Respect for Others, Pursuit of Excellence, Balance among Body, Will & Mind. 3. To make the students aware of Olympics - Symbols, Motto, Flag, Oath, and Anthem	
May	**04**	**04**	<u>Unit- 2, Olympism Value Education.</u> 1. Olympic Movement Structure - IOC, NOC, IFS, Other members.	1. Understanding the working and functioning of IOC, NOC and IFS, and other members.	
June	**10**	**08**	<u>Unit- 3, Yoga.</u> 1. Meaning and importance of Yoga. 2. Introduction to Astanga Yoga. 3. Yogic Kriyas (Shat Karma) 4. Pranayama and its types. 5. Active Lifestyle and stress management through Yoga.	1. To teach students about yogic kriya, specially shat karmas. 2. To make the learn and practice types of Pranayama 3. To make them learn the importance of yoga in stress management.	1. Specialization: Football, Volleyball 2. Record preparation for Special Game for Practical.

July	**15**	**12**	Unit- 4, Physical Education and Sports for Children with Special Needs. 1. Concept of Disability and Disorder. 2. Types of Disability, its causes & nature. 3. Disability Etiquette 4. Aim and objectives of Adaptive physical Education 5. Role of various professionals for children with special needs • Revision for UT-I.	1. To make the students aware about the concept of Disability and Disorder. 2. To make students aware of different types of disabilities. 3. Understand the aims and objectives of Adaptive Physical Education. 4. Understanding the role of various professionals for children with special needs.	1. Specialization: Basketball, Cricket. 2. Record preparation for Special Game for Practical.
UNIT TEST-I			Unit- 1, Changing Trends and Careers in Physical Education. Unit- 2, Olympism Value Education. Unit- 3, Yoga. Unit- 4, Physical Education and Sports for Children with Special Needs.		
August	**16**	**16**	**Unit- 5, Physical Fitness, Wellness, and Lifestyle.** 1. Meaning & importance of Wellness, Health, and Physical Fitness. 2. Components/ Dimensions of Wellness, Health, and Physical Fitness 3. Traditional Sports & Regional Games for promoting wellness. 4. Leadership through Physical Activity and Sports. 5. Introduction to First Aid – PRICE.	1. Understand the Meaning & importance of Wellness, Health, and Physical Fitness. 2. To make students aware of the Components/ Dimensions of Wellness, Health, and Physical Fitness. 3. To develop Leadership qualities through Physical Activity and Sports in students. 4. To learn First Aid and its management skills.	1. Yogic Asana and its process. 2. Record preparation for practical Exam.
September	**12**	**10**	**Unit- 6, Test, Measurement & Evaluation.** 1. Define Test, Measurements and Evaluation. 2. Importance of Test, Measurements and Evaluation in Sports. 3. Calculation of BMI, Waist – Hip Ratio, Skin fold measurement (3-site) 4. Somato Types (Endomorphy Mesomorphy & Ectomorphy). 5. Measurements of health-related fitness. • Revision for Mid-Term Examination.	1. To introduce the students with the terms like test, measurement and evaluation along with its importance. 2. To Introducing them the methods of calculating BMI, Waist- hip ratio and Skin fold measurement 3. To make the students aware of the different somato types. 4. To make the students learn the method to measure health- related fitness.	1. SAI Khelo India Fitness Test practice for practical exam. 2. Record preparation for practical exam.

MID – TERM EXAM & PRACTICAL EXAM.			Unit- 1, Changing Trends and Careers in Physical Education. Unit- 2, Olympism Value Education. Unit- 3, Yoga. Unit- 4, Physical Education and Sports for Children with Special Needs. Unit- 5, Physical Fitness, Wellness, and Lifestyle. Unit- 6, Test, Measurement & Evaluation.		
October	**16**	**14**	<u>Unit- 7, Fundamentals of Anatomy, Physiology in Sports.</u> 1. Definition and importance of Anatomy and Physiology in Exercise and Sports. 2. Functions of Skeletal System, Classification of Bones, and Types of Joints. 3. Properties and Functions of Muscles. 4. Structure and Functions of Circulatory System and Heart. 5. Structure and Functions of Respiratory System.	1. learn the meaning and definition & identify the importance of anatomy, physiology, and kinesiology. 2. Understanding the main functions and Classification of Bone and the Types of Joints. 3. To learn the Properties and Functions of Muscles. 4. To learn the Structure and Functions of the Circulatory System, Heart and Respiratory System.	1. SAI Khelo India Fitness Test practice for practical exam. 2. Record preparation for practical exam.
November	**23**	**18**	<u>Unit- 8, Fundamentals of Kinesiology and Biomechanics in Sports.</u> 1. Definition and Importance of Kinesiology and Biomechanic s in Sports. 2. Principles of Biomechanics. 3. Kinetics and Kinematics in Sports. 4. Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation. 5. Axis and Planes – Concept and its application in body movements	1. Learning the meaning and definition & identify the importance of Kinesiology and Biomechanics in sports. 2. To make the students learn the principles of biomechanics. 3. To understand the concept of Kinetics and Kinematics in Sports. 4. Learning about different types of body movements. 5. To understand the concept of Axis and Planes and its application in body movements.	

December	**20**	**15**	Unit- 9, Psychology and Sports. 1. Definition & Importance of Psychology in Physical Education & Sports; 2. Developmental Characteristics at Different Stages of Development. 3. Adolescent Problems & their Management. 4. Team Cohesion and Sports. 5. Introduction to Psychological Attributes: Attention, Resilience, Mental Toughness. • Revision for UT-II.	1. The students will identify the definition and importance of Psychology in Physical Education and sports. 2. Students will be able to identify the issues and management related to adolescents. 3. The students will be able to understand the importance of team cohesion in sports. 4. Students will distinguish different Psychological Attributes.	
UNIT TEST-II			Unit- 7, Fundamentals of Anatomy, Physiology in Sports. Unit- 8, Fundamentals of Kinesiology and Biomechanics in Sports. Unit- 9, Psychology and Sports.		
January	**22**	**15**	**Unit- 10, Training & Doping in Sports.** 1. Concept and Principles of Sports Training. 2. Training Load: Over Load, Adaptation, and Recovery. 3. Warming-up & Limbering Down – Types, Method & Importance. 4. Concept of Skill, Technique, Tactics & Strategies. 5. Concept of Doping and its disadvantages.	1. To make the students aware about of concepts and principles of sports training, Training Load, Over Load, Adaptation, and Recovery. 2. To make students Understand the importance of warning up and limbering down exercises and to introduce the terms like Skills, Techniques, Tactics, and Strategies. 3. To make students aware of the doping substances and their disadvantages in sports.	

February	**23**		• Revision for Annual Examination. • Practical Examination.	• Complete Syllabus.	
ANNUAL EXAM			Unit- 1, Changing Trends and Careers in Physical Education. Unit- 2, Olympism Value Education. Unit- 3, Yoga. Unit- 4, Physical Education and Sports for Children with Special Needs. Unit- 5, Physical Fitness, Wellness, and Lifestyle. Unit- 6, Test, Measurement & Evaluation. Unit- 7, Fundamentals of Anatomy, Physiology in Sports. Unit- 8, Fundamentals of Kinesiology and Biomechanics in Sports. Unit- 9, Psychology and Sports. Unit- 10, Training & Doping in Sports.		

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.

HINDUSTANI MUSIC VOCAL (034)

Month	No Of Days	NO OF PERIODS	Topics To Be Covered	Skills Covered	Activities/Projects/ Practical
April	**23**	9	**1**- Brief study of the following: Nada, Shruti, Swar, Saptak, Thaat, Jati, Laya, Tala	FUNDAMENTAL OF MUSIC	Practical skill Alankar
May	4	1	2- Alankar	VOCAL FORMS	complex Alankar
June	11	3	3-Brief study of the following: Margi- Desi Sangeet, Raga Raga Bihag details	DEPTH KNOWLEDGE OF MUSICAL TERMS	Raag Bihag Aron avroh Pakad
July	26	12	4-Chhota Khayala of Raag Bihag with Alap taan 5-Brief History of the following Dhrupad, Khayal and Tarana REVISION	PRACTICAL KNOWLEDGE OF RAAG DIFFERENT SINGING STYLE	Chhota Khayala of Bihag
UNIT TEST			All Topics From 1-3		
August	22	9	6-Description of prescribed Talas along with Tala Notation with Thah, Dugun and Chaugun Teentala Ektala Chautala 7- Life sketch and contribution of Tansen, V.N. Bhatkhande and V.D.Paluskar	EXPLAINING STRUCTURE OF TAAL UNDERSTANDING THE LIFE OF MUSICIANS	All taal knowledge And showing taal by hand gesture
September	23	9	Revision for Mid Term		
MID TERM AND PRACTICAL EXAM			ALL TOPICS FROM 1-7		
October	18	6	Ye	PRACTICAL KNOWLEDGE OF RAAG Tuning and structure of Tanpura	Singing Raag Bhimpalasi in detail
November	23	9	10-Brief study of Musical Elements in Natya Shastra 11-Critical study of Prescribed Ragas. Recognizing Ragas from phrases of Swaras and elaborating them.	Identifying the raga by its Swara	

December	20	9	Revision for Periodic Test 2	Riyaz of Ragas	
UNIT TEST 2			**Syllabus- All topics from 8-11**		
January	20	9	12- Introduction of raga Bhairavi and One Drut Khayal with simple elaboration and few tanas in Raag Bhairavi Final Practical Exam	Singing Raag Bhairavi in detail	
February	15	9	REVISION OF WHOLE SYLLABUS	Riyaz of Raagas Project ,all ragas,all taal	
FINAL 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 (Drut Khyal) any one	18
Examiner's Choice of Ragas	10
Devotional song	16
Identification of Ragas	6
Reciting the Thekas of Prescribed Talas with hand beats with Thah and Dugun and Chaugun: Teen Taal Ek Taal Chautal	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.