

St. Paul's School, Aya Nagar
Humanities Section Month wise Syllabus
Class XI, Session 2026-27

Economics

Books - Micro Economics and Statistics for Economics

By: Sandeep Garg

Month	Chapters and Topic Covered	Practical/Activities
APRIL	Unit 1 of Micro CH 1: Introduction [Micro]	Economic Icebreaker: Start the class with a discussion about everyday economic decisions students make. Ask questions like "Why did you choose to buy the brand of smartphone you own?" or "How do you decide where to eat lunch?" This can lead to a discussion about scarcity, choice, and opportunity cost.
	Unit 1 of Statistics CH 1: Introduction	
MAY	Unit 2 of Micro CH 2: Consumer's Equilibrium	
	Unit 1 of Statistics CH 2: Meaning, Scope, Functions, and Importance of Statistics	Statistical Research Presentation: Divide students into groups and assign each group a specific area where statistics are used (e.g., economics, sociology, medicine). Have them research and prepare a presentation on the meaning, scope, functions, and importance of statistics in their assigned field.

	Unit 2 of Micro CH 3: Demand CH 4: Elasticity of Demand	
	Unit 2 of Statistics CH 3: Collection of Data CH 4: Organisation of Data	Data Collection Project: Assign students to design and conduct a survey or observational study on a topic of interest. They should plan the data collection process, create survey questions or observation criteria, and collect data from their peers or members of the community. This activity will familiarize students with different methods of data collection and the challenges involved.
PT1	Syllabus covered in July	
JULY	Unit 3 of Micro CH 5: Production Function CH 6: Cost	Cost Curve Construction: Provide students with data on a firm's costs and instruct them to plot various cost curves (e.g., total cost curve, average total cost curve, marginal cost curve). Discuss the relationships between these curves and their implications for the firm's production decisions, economies of scale, and pricing strategies.
AUGUST	Unit 2 of Statistics CH 5: Tabular Presentation CH 6: Diagrammatic Presentation CH 7: Graphic Presentation	

SEPTEMBER	Unit 3 of Micro CH 7: Revenue	
	Unit 3 of Statistics CH 8: Measures of Central Tendency- Arithmetic Mean	Real-world Applications of the Arithmetic Mean: Present students with real-world scenarios where the arithmetic mean is used to summarize data (e.g., average household income, average temperature over a period). Discuss the relevance of the arithmetic mean in these contexts and its implications for decision-making and policy formulation.
Half Yearly	Full syllabus covered till September	
October	Unit 3 of Micro CH 8: Producer's Equilibrium CH 9 : Supply	Producer's Equilibrium Simulation: Divide students into groups, with each group representing a different firm in a specific industry. Provide them with information about production costs, market prices, and revenue. Instruct them to make production decisions to maximize profits, considering factors such as marginal cost, marginal revenue, and price elasticity of supply.
	Unit 3 of Statistics CH 9: Measures of Central Tendency- Median and Mode	

PT2	Syllabus covered in October	
November	Unit 4 of Micro CH 10: Main Market Forms	Market Forms Role-Playing Game: Divide students into groups, with each group representing a different market form (perfect competition, monopoly, monopolistic competition, and oligopoly). Assign them roles such as producers, consumers, and regulators. Have them simulate market interactions, pricing strategies, and outcomes characteristic of their assigned market form.
	Unit 3 of Statistics CH 10: Measures of Correlation	
December	Unit 4 of Micro CH 11: Price Determination and Simple Applications	
	Unit 3 of Statistics CH 11: Index Numbers	Inflation Rate Calculation: Provide students with data on prices for a basket of goods and services over several years. Instruct them to calculate inflation rates using a price index (e.g., consumer price index) and discuss the significance of inflation in the economy, its impact on purchasing power, and its measurement through index numbers.

January	Revision of full syllabus	
Final Term	Full Syllabus	PROJECT WORK & VIVA

Psychology		
Month	Chapters and Topic Covered	Practical/Activities
April	Chapter -1 Understanding Psychology	
May	Chapter-2 Methods of enquiry in psychology	Project File Discussion
July	Chapter-4 Human Development	
August	Chapter -5 Sensory attentional and perceptual processes	Practical 1
September	Chapter -6 Learning	
October	Chapter - 7 Human memory	
November	Chapter-8 Thinking	
December	Chapter -9 Motivation and emotions	Practical 2

January	Practical and revision	
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Sociology Books: 1.Introducing sociology 2.Understanding society		
Month	Chapters and Topic Covered	Practical/Activities
APRIL	1. Sociology and Society	Project/Activity The basic parameters of the project given to the students.
MAY	2. Terms, Concepts and Their Use in Sociology topics Research Methodology	1. Allocation of Project Writing of the Rationale for the project 2 Preparing the Questionnaire for the project.
July (PT-1)	Syllabus covered in July 3.Understanding Social Institutions	
August	3.Understanding Social Institutions 4. Culture and Socialization	Writing of the content for the sub- topics of the projects
September	Revision and Exams Half yearly Syllabus Book 1 All Chapters	Data analysis for the project to be completed. First Terminal Project viva
October	Book 2 1. Social Change and Social Order in Rural and urban society. Periodic Test 2	
November	2.Introducing Western Sociologists	

December	3.Indian sociologist	Final Project Completion Data interpretation and conclusion.
January	Practical and Revision Annual Exam Syllabus Book 1-CH 2,3,4 Book 2- CH 2, 4 AND 5	Project Viva

POLITICAL SCIENCE (028)		
BOOK 1- INDIAN CONSTITUTION AT WORK BOOK 2- POLITICAL THEORY		
Month	Chapters and Topic Covered	Practical/Activities
April	BOOK 1- INDIAN CONSTITUTION AT WORK Ch. 1 Constitution: Why and How? Ch. 2 Rights in the Indian Constitution	● Reading of the Preamble ● Group Discussions and Debates: What happens in an organization without a set of rules and regulations to run it? ● Comparative analysis: Rights guaranteed in India and other countries
May	Ch.- 3 Election and Representation	
July	Ch.- 4 Executive Ch.- 5 Legislature Ch - 6 Judiciary	● Comparative Analysis: Different forms of Executive ● Comparative Analysis: Powers and functions of Lok Sabha and Rajya Sabha ● Moot Courts
August	Ch -7 Federalism	● Group Discussion/Debate: Prevailing issues in Centre-state relations.

	Ch-8 Local Government Ch-9 Constitution as a Living Document	● Flowcharts: On the structural arrangement of Panchayati Raj ● Brainstorming: To assess the achievements and drawbacks of our Constitution ● Reading the work of Great thinkers
September	Half-Yearly Examination	
October (BOOK2- POLITICAL THEORY)	BOOK 2- POLITICAL THEORY Ch-1 Political Theory: An Introduction Ch- 2 Freedom Ch-3 Equality	● Collecting political cartoons from various newspapers and magazines and discussing the issues raised ● Debate: Does dress code curtail individual freedom? ● Discussion and debate: Promotion of equality
November	Ch-4 Social Justice Ch- 5 Rights Ch- 6 Citizenship	● Debate: Free Markets versus State Intervention ● Collaborative Learning: Assigning tasks for acquiring information on different types of rights. ● Debate: Should India grant dual citizenship?
December	Ch -7 Nationalism Ch - 8 Secularism	● Debate: Can identity claims lead to social divisions or will it strengthen and recognize multiple identities? ● Comparative Study: The Western model and the Indian model of secularism.

Month	Chapters Name	Key activities
April	Orientation + Communication Skills (ES Unit 1) Data Science content: Introduction to Data Science subject, syllabus, and assessment pattern (Theory 50 + Practical 50). Idea of a practical file, project, and portfolio. ES Unit 1 – Communication Skills-III: Active listening, speaking clearly, polite and formal language, basic email etiquette.	Ice-breaker data survey activity Ice-breaker: “Data about me” – each student shares 3 pieces of data (e.g., hobbies, study hours) in 1–2 sentences. Others practice listening and summarizing. Role-play: One student writes a short email to a teacher asking for a doubt-clearing session; classmates give feedback on clarity and politeness.
May	Ethics in Data Science + ES Unit 2 Data Science unit: Ethics in Data Science: privacy, consent, data ownership, bias, fairness, responsible use of data. ES Unit 2 – Self-management Skills: Time management, goal setting, self-reflection,	Case-study debate: Use 2–3 short case studies on data misuse (e.g., social media tracking, biased hiring). Groups discuss: “Is this ethical? Why or why not?” and present conclusions. “My study schedule” worksheet: Students create a weekly timetable for 1 week, allocating time for Data

	stress management (light introduction).	Science homework, project work, and revision; teacher discusses how to manage multitasking.
July	Ethics (wrap-up) + Assessing Data + ES Unit 3 Data Science units: Complete Ethics in Data Science topics. Start Assessing Data: data types (qualitative/quantitative, discrete/continuous), primary vs secondary sources, data quality (accuracy, completeness, consistency, timeliness). ES Unit 3 – ICT Skills: Basic computer file management, internet searching, handling spreadsheets (Excel/Google Sheets)	Survey design: Groups design a short survey (e.g., mobile usage, study hours) and learn how to save it properly in a folder (ES link). Spreadsheet practice: Enter survey data into a spreadsheet, create folders for “Class XI Data Science”, “Projects”, “Assignments” (ES–ICT link).

August	Assessing Data (contd) + ES Unit 4 Data Science unit: Descriptive statistics: mean, median, mode, range (conceptual and computational). Tabulation and simple charts (bar chart, pie chart) using spreadsheet. ES Unit 4 – Entrepreneurship Skills: Introduction to entrepreneurship, idea generation, basic problem-solving attitude.	Lab: Enter survey data from July, calculate mean/median/mode, and create at least one chart. “Data-based idea” activity: In groups, students think of a small business idea (e.g., tiffin service, stationery sale) and list 5 pieces of data they would collect (e.g., customer preferences, price points). They present briefly
September	Half Yearly Examination (26-27)	
October	Forecasting on Data + ES Unit 5 Data Science unit: Forecasting on Data: trends, simple forecasting intuition, time-series examples (school admissions, weather, and sales). ES Unit 5 – Green Skills:	Forecasting lab: Use pre-given data (e.g., yearly temperature or energy consumption) to plot a line chart and make a simple prediction. Group discussion: “How can data help protect the environment?” (Using air pollution, waste data, etc.)

	Basic environmental awareness, sustainable practices, role of data in environment (e.g., pollution data, energy use).	And write 3–4 points.
November	Randomization + ES in Communication Data Science unit: èRandomization: randomness, simple probability, random experiments (coins, dice, cards), random sampling. ES focus: Communication in group work (asking questions, clarifying, explaining ideas clearly).	Basic plotting: bar chart of marks or small dataset. “Explain to a friend” activity: One student explains probability concept in simple language to a peer; peer repeats it back and teacher checks understanding (ES communication focus).
December	R Studio basics + ES Unit 2 & 4 èIntroduction to R Studio: interface, basic commands, vectors, simple functions (sum, mean, length), basic charts. ES units integrated:	RStudio lab 1: Run simple arithmetic, create a vector, and calculate mean/sum.

	ES Unit 2 (Self-management): Managing time for coding practice.	
January	R Studio (contd) + Project + ES in Project Planning Data Science unit: More R: data frames, simple statistical analysis, basic boxplot/histogram. Completion of practical file and project/portfolio (as per CBSE). ES units integrated: ES Unit 4 (Entrepreneurship): How data scientists help businesses make decisions.	RStudio lab 1Mini-project: Choose a small dataset (class marks, daily temperature, sports scores). Describe data type and source, compute basic statistics, create at least one chart, and write a short conclusion. Reflection worksheet: Students write 5–6 lines on “How can self-management help in learning programming?” (ES–Self-management link).
Feb	Final revision + Practical exam prep + ES in Presentation	Practical file: Ensure index, programs, outputs, and project report are neatly maintained (ES–ICT and organization skills).

Physical Education		
Month	Chapters and Topic Covered	Practical/Activities
APRIL	CHAPTER-1 CHANGING	Topics will be discussed for

	TRENDS & CAREER IN PHYSICAL EDUCATION ● Concept ,Aim & Objectives of physical education ● Changing trends in sports - playing surface, wearable gears and sports equipment, technological advancements ● Career options in physical education ● Khelo india and fit india program	Practical Project
MAY	CHAPTER-2 OLYMPISM ● Ancient and modern olympics ● Olympism- concept and olympics values ● Olympics- symbol, motto, flag, oath, and anthem ● Olympic movement structure- IOC, NOC,IFS, other members	● Class Test
JULY AUGUST	CHAPTER-3 YOGA ● Meaning & importance of yoga ● Introduction to ashtanga yoga ● Introduction to yogic kriyas(shat karma) CHAPTER-4 PHYSICAL EDUCATION & SPORTS FOR CWSN ● Concept of disability and disorder ● Types of disability, its causes and nature ● Aim & objective of adaptive physical education ● Role of various professionals for children	● Periodic Test 1

	with special needs	
September	CHAPTER-5 PHYSICAL FITNESS, HEALTH AND WELLNESS ● Meaning and importance of wellness, health and physical fitness ● components/dimensions of wellness, health and physical fitness ● Traditional sports & regional games for promoting wellness CHAPTER-6 TEST, MEASUREMENT & EVALUATION ● Concept of test, measurement & evaluation in physical education & sports. ● Classification of test in physical education and sports. ● Test administration guidelines in physical education and sports.	
October	CHAPTER-7 FUNDAMENTALS OF ANATOMY, PHYSIOLOGY IN SPORTS ● Definition and importance of anatomy and physiology in exercise and sports ● Functions of skeletal system, classification of bones and types of joints. ● Function and structure of circulatory system and heart. ● Function and structure of respiratory system	
October	CHAPTER-8 FUNDAMENTALS OF KINESIOLOGY AND	

November	BIOMECHANICS IN SPORTS ● Definition and importance of kinesiology and biomechanics in sports ● Principles of biomechanics ● Types of body movements ● Axis and planes- concept and its application in body movements CHAPTER-9 PSYCHOLOGY & SPORTS ● Definition & importance of psychology in physical education & sports ● Adolescent problems & their management ● Team cohesion and sports	
December	CHAPTER-10 TRAINING AND DOPING IN SPORTS ● Concept and principles of sports training ● Training load: over load, adaptation, and recovery ● Concept of doping and its disadvantages	

History		
Month	Chapters and Topic Covered	Practical/Activities
April	Ch. 1 Writing and City life	Using clay to make cuneiform clay tablets. Group discussion to discuss whether writing is significant as a marker of Civilization.

May	Ch. 2 An Empire across three continents	Use of maps to facilitate an easier comprehension of the changing Dynamics of political history. Group discussion on slavery as a significant element in the economy. Use of flow chart to learn the Cultural transformation during that period
July	Ch. 3 Nomadic Empires	Discussion on the Life of a pastoralist society. Textual reading and discussion about Genghis Khan. Watching Genghis Khan film and distinguish between the Mongolian people's perspective and the world's opinion about Genghis Khan
August	Ch. 4 The Three Orders	Debate and explain the Historical phenomenon of feudalism. Pictures and discussions held on Renaissance paintings' or 'slave trade
September	Ch 5 Changing Cultural Traditions	Photos and Video clippings to understand the events and its impact. Field trip and research work on architectural and literary developments. Graphic chart to compare the life of women during this period. Group work on protestant reformation and catholic reformation in brief.
October	Ch 6 Displacing Indigenous People	Use of factsheets, debates and group-discussions on such issues of

		displacements, supported with maps.
November till First week	Ch 7 Paths to Modernisation	Demonstrate an Understanding of the concept of modernization and its application in various forms. Research work and textual reading to comprehend the impact of modernization

Mathematics		
Month	Chapters and Topic Covered	Practical/Activities
APRIL	1. Sets 2. Relations and functions	Assignment on Sets Activity 1 - To represent set theoretic operations using Venn diagrams. Activity 2 - To distinguish between a Relation and a Function.
MAY	3. Trigonometric Functions	Activity 1. - To find the values of sine and cosine functions in second, third and fourth quadrants using their given values in first quadrant.
JULY	4. Complex numbers and quadratic equations 5. Linear Inequalities	Assignment on Complex numbers and quadratic equations and Linear inequalities. Activity 4 - To interpret geometrically the meaning of $i = -1$ and its integral powers.
AUGUST	6. Permutations and Combinations 7. Binomial theorem	Assignment on Permutations and Combinations Activity 5 - To construct a Pascal's Triangle

		and to write binomial expansion for a given positive integral exponent Assignment on Binomial Theorem
SEPTEMBER	Revision for TERM-1 8. Sequence and Series (Last week)	Assignment on Sequences and series Activity 6 - To demonstrate that the Arithmetic mean of two different positive numbers is always greater than the Geometric mean.
OCTOBER	9. Straight Lines 10. Conic Sections	Assignment on Straight Lines Assignment on Conic Sections Activity 7 - To construct different types of conic sections.
NOVEMBER	11. Introduction to three Dimensional Geometry 12. Limits and derivatives	Activity 8 - To explain the concept of octants by three mutually perpendicular planes in space Assignment on Introduction to three Dimensional Geometry Assignment on Limits and derivatives Activity 9 - Verification of the geometrical significance of derivatives.
DECEMBER	13. Statistics 14. Probability	Assignment on Statistics Assignment on Probability Activity 10 - To write the sample space, when a coin is tossed once, two times, three times, four times.
January	Revision	

ENGLISH CORE (301)

Month	Lessons and Topics Proposed	Activities
April 14 Days	Hornbill 1. The Portrait of a Lady Snapshots 1. The Summer of a Beautiful White Horse Writing Skills 1. Poster Making 2. Classified Advertisements	
May 16 Days	Hornbill 1. A Photograph 2. We're Not Afraid to Die... If We Can All Be Together Reading Skills 3. Note Making and Summarisation	Assignments 1. Holiday Homework 2. Allocation of Project Work 3. Allocation of AIL 4. Worksheets on note making and summarisation. 5. Notes on gap filling (tenses and clauses), and re-ordering/transformation of sentences.
SUMMER VACATIONS		
July 26 Days	P. <u>T. I Syllabus</u> Reading Skills 1. Unseen passage Grammar and Writing Skills 1. Gap Filling (Tenses, Clauses) 2. Reordering of Sentences 3. Classified Advertisements	Submission of the First Draft of the Project by Students and Feedback Submission to Students

	Literature 1. The Portrait of a Lady 2. The Summer of a Beautiful White Horse 3. A Photograph	
	Hornbill 1. The Laburnum Top 2. Discovering Tut: The Saga Continues Snapshots 3. The Address	

	Writing Skills 4. Speech	
August 19 Days	Hornbill 1. The Voice of the Rain Snapshots 1. Mother's Day Writing Skills 1. Debate	Assessment of Listening Skills and Submission of the Second Draft of the Project
September 03 Days	Reading Skills Practice Worksheets - Reading Comprehension Passages - Note Making and Summarisation	

	Half-Yearly Exam – Syllabus covered till the first week of September.	
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	Half-Yearly Exam – Syllabus covered till the first week of September.	
October 24 Days	Hornbill 1. Childhood 2. The Adventure Snapshots 1. Birth	
November 17 Days	Hornbill 1. Silk Road 2. Father to Son	
December 21 Days	<u>P.T. II</u> <u>Syllabus</u> Reading Skills 1. Note-Making and Summarisation Writing Skills 1. Poster making 2. Speech/Debate Literature 1. The Adventure 2. Childhood 3. Birth	
	Snapshots 1. The Tale of Melon City Revision - One Unseen Case-Based Passage - Note Making and Summarisation - Classifieds	Viva and Speaking Skills Assessment
January 14 Days	Revision - Speech/Debate	Viva and Speaking Skills Assessment

	- Focus Spots from Term 1 Syllabus	
February	Annual Exam – Complete Syllabus	