

St. Paul's School, Aya Nagar
Commerce Section Monthwise Syllabus
Class XII Session- 2026-2027

English		
Month	Lessons or Skills	Activities
April 19 Days	Flamingo 1. The Last Lesson 2. My Mother at Sixty-Six Vistas 1. The Third Level Creative Writing Skills 1. Invitations and Replies	
May + June 13 Days	<u>P.T. I Syllabus</u> Reading Skills 1. Unseen Passage – Factual / Descriptive / Literary Creative Writing Skills 1. Invitations and Replies Literature Flamingo 1. The Last Lesson 2. My Mother at Sixty-Six Vistas 1. The Third Level	Assignments 1. Holiday Homework 2. Allocation of Project Work 3. Allocation of AIL
	Flamingo 1. Lost Spring 2. Keeping Quiet Vistas 1. The Tiger King Creative Writing Skills 1. Report Writing 2. Notice Writing	
SUMMER VACATIONS		
July 25 Days	Creative Writing Skills 1. Job Application with Resume 2. Article Writing Flamingo 1. Deep Water 2. A Thing of Beauty Vistas	Project Work Submission

	1. Journey to the End of the Earth	
August 20 Days	<u>P.T. II Syllabus</u> Reading Skills 1. Unseen Passage – Case Based Writing Skills 1. Report Writing 2. Job Application with Resume 3. Notice Writing Literature Flamingo 1. Lost Spring 2. Keeping Quiet Vistas 1. The Tiger King Flamingo 1. The Rattrap 2. A Roadside Stand 3. Indigo Vistas 1. The Enemy	Listening Skills Assessment
September 15 Days	Creative Writing Skills 1. Letter to the Editor Half-Yearly Exam – Syllabus Covered till the first week of September Flamingo 1. Aunt Jennifer's Tigers 2. The Interview	Project Work and Listening Skills = 10 + 10 = 20
October 22 Days	Flamingo 1. Poets and Pancakes 2. Going Places Vistas 1. On the Face of It 2. Memories of Childhood	
November 21 Days	Revision of the Syllabus Pre-Board I – Complete Syllabus	
December + January 22 Days + 18 Days	Pre-Board Practical and Pre-Board II – Complete Syllabus	Speaking Skills Assessment and Viva based on the Project

Mathematics		
Month	Chapters and Topic Covered	Practical/Activities
March	1. Matrices 2. Determinants	Assignment on Matrices and Determinants
April	3. Continuity and Differentiability 4. Applications of Derivatives	Lab activities: - To find analytically the limit of the function $f(x)$ at $x = c$ and also check the continuity of the function at the point. - To establish a relationship between common logarithm (to the base 10) and natural logarithm (to the base e) of the number x. - To understand the concept of decreasing and increasing functions. - To understand the concepts of local maxima, local minima and point of inflection.
May	5. Inverse Trigonometric Functions 6. Relations and Functions	Lab activities: - To verify that the relation R in the set L of all lines in a plane, defined by $R = \{(l, m) : l \parallel m\}$ is an equivalence relation. - To demonstrate a function which is not one-one but is onto. - To draw the graph of $\sin^{-1}x$, using the graph of $\sin x$ and demonstrating the $\sin^{-1}x$ concept of mirror reflection (about the line $y = x$).
July	7. Integration	Assignment
August	8. Application of integrals 9. Differential equations	Assignment on Differential equations

September	10. Vector Algebra	LAB ACTIVITY: 1. To verify that angle in a semi-circle is a right angle, using vector method.
October	11. Three-Dimensional Geometry 12. Linear programming 13. Probability	LAB ACTIVITIES: 1. To locate the points to given coordinates in space, measure the distance between two points in space and then to verify the distance using distance formula. 2. To explain the computation of conditional probability of a given event A, when event B has already occurred, through an example of throwing a pair of dice.
November	REVISION	

Informatics Practices		
Month	Chapters and Topic Covered	Practical/Activities
April	Chapter 1 – Python Pandas I ● Introduction to pandas ● Series ● Accessing elements ● Index values ● Head and tail ● Data frame ● Attributes of data frame ● Accessing elements ● Adding and Deleting rows & columns ● Modifying rows and columns ● Renaming ● Deleting and adding rows/col ● Using Boolean indexes\	Create a series with the help of an array and give an index to it Create a data frame using a list of dictionaries and display it in an appropriate format. Create a data frame in Python Pandas using Boolean index values

April	Chapter 5 -MySQL Revision Tour • Creating and Accessing Database and tables • Inserting data into tables • Writing simple queries. • Sql constraints • Modifying data in tables. • Deleting data from tables. • Altering table structure • Dropping tables	Create and use a database. Create and insert data in a table/relation Creating and managing relations in a database Null values and their significance. Pattern matching using the two wild card characters
May	Chapter 6 – MySql functions • String /Numeric functions. • Char() • Concat • Lcase • Substr • Mod Date/Time functions.	• Apply various functions to strings. • Calculate using numeric functions. • Extract portions from date/time fields
July	Chapter 7 – Querying using Sql • Order by clause • Aggregate functions • Group by clause Using ‘Having’ to impose conditions Chapter 8 – Joins and Set operations • Unrestricted joins(Cartesian product) • Restricted joins • Equi join • Natural join • Set operations: Union, Minus	Create reports using multiline functions. Group the table data on the basis of a column which has multiple entries of some values Writing Sql commands to see the result of functions and Group by Write Sql commands to perform Cartesian product
August	Ch. 9-10Introduction to Computer Networks and Internet • Topologies	Draw the three topologies of Network

	• Network Devices • History of WWW • URL Web page and Website <u>Ch-11</u> Societal Impacts Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open source software (FOSS)	
September	SEPTEMBER HALF YEARLY EXAM : Lesson 1,5-11	
October	Chapter 2 Python Pandas II • Iterating over a data frame • Binary operations on data frames • Min() , max() Chapter 3– Plotting with Pyplot • Data Visualization • Using Pyplot • Components of Charts	• Use iterrows() and iteritems(). Apply add, mul, div operations on data frames • Create line chart, bar chart and histograms Apply the different attributes of charts.
November till First week	Chapter 4 – Importing/Exporting Between CSV/MySql and Pandas Completion of final project	Create a csv file Transfer and load to and from a csv file

Accountancy		
Month	Chapters and Topic Covered	Practical/Activities

April	Chapter 1.fundamental to partnership firm Chapter 9.Company's balance sheet Chapter 11. Preparation of Comparative statement and common size statement	Topic wise test and case studies
May	Chapter 10 Analysis of financial statements Chapter 2 goodwill Chapter 3 change in profit sharing ratio	Topics wise test and case studies
July	Chapter 13 Accounting Ratios Chapter 4 admission of partner	Topic wise test and case studies
August	Chapter 5 retirement and death of partner Chapter 6 dissolution of partnership firm	Topic wise test and case studies
September	Chapter 7 Accounting for share capital of companies	Topic wise test and case studies Project work from balance sheet from internet or economic times news paper Analysis of company's balance sheet using various tools By finding out accounting ratios By preparing Comparative and common size statement
October	Chapter 8 issue of the debentures Chapter 13. Cash flow statement	Topic wise test and case studies Preparation of cash flow statement of a company
November till First week		

Business Studies		
Month	Chapters and Topic Covered	Practical/Activities
April	Chapter 1. Nature and significance of management Chapter 2 principles of management	Project work on principles of management To find out whether principles of management are applied in the organisation chosen by student
May	Chapter 3 business environment Chapter 11 marketing management	Project work based on business environment Changing role of women from past 20 years Survival of Coca-Cola in Indian market Child labour in India Preparation of project file based on the product chosen by student
July	Chapter 4 planning Chapter 5 organising	Case studies
August	Chapter 6 staffing Chapter 7 directing	Case studies
September	Chapter 8 controlling Chapter 9 financial management	Case studies
October	Chapter 10 financial market Chapter 12 consumer protection	Project work based on stock exchange
November till First week	Revision	

Physical Education		
Month	Chapters and Topic Covered	Practical/Activities
April	CHAPTER-1 MANAGEMENT OF SPORTINGS EVENTS FUNCTIONS OF SPORTS EVENTS MANAGEMENT	Topics will be discussed for Practical Project CYCLE TEST 1

	• VARIOUS COMMITTEES AND THEIR RESPONSIBILITIES • FIXTURES AND ITS PROCEDURE - KNOCK OUT AND LEAGUE	
April	CHAPTER-2 CHILDREN AND WOMEN IN SPORTS • Common postural deformities • Special consideration • Female athletes triad	
May	CHAPTER-3 YOGA AS PREVENTIVE MEASURES FOR LIFESTYLE DISEASE • OBESITY • DIABETES • ASTHMA • HYPER TENSION CHAPTER-4 PHYSICAL EDUCATION & SPORTS FOR CWSN CHAPTER-5 SPORTS & NUTRITION CHAPTER-6 TEST & MEASUREMENT IN SPORTS • FITNESS TEST • COMPUTING BASAL METABOLIC RATE • RIKLI AND JONES SENIOR CITIZEN FITNESS TEST	PERIODIC TEST 1
July	CHAPTER-7 PHYSIOLOGY AND INJURIES IN SPORTS • PHYSIOLOGICAL FACTORS DETERMINING COMPONENTS OF PHYSICAL FITNESS • EFFECT OF EXERCISE ON MUSCULAR SYSTEM • EFFECT OF EXERCISE ON RESPIRATORY SYSTEM • SPORTS INJURIES	
August	CHAPTER-8 BIOMECHANICS AND SPORTS • NEWTONS LAW OF MOTION AND THEIR	

	APPLICATION IN SPORTS • EQUILIBRIUM- DYNAMIC AND STATIC AND CENTER OF GRAVITY AND ITS APPLICATION IN SPORTS • FRICTION AND SPORTS • PROJECTILE IN SPORTS	
September	CHAPTER-9 PSYCHOLOGY AND SPORTS • PERSONALITY • AGGRESSION • PSYCHOLOGICAL ATTRIBUTES IN SPORTS	
October	CHAPTER-10 TRAINING IN SPORTS • CONCEPT OF TALENT IDENTIFICATION AND TALENT DEVELOPMENT IN SPORTS • INTRODUCTION TO SPORTS TRAINING CYCLE • TYPES AND METHODS TO DEVELOP- STRENGTH ,ENDURANCE, & SPEED • TYPES AND METHODS TO DEVELOP - FLEXIBILITY AND COORDINATIVE ABILITY	

Economics		
Month	Chapters and Topic Covered	Practical/Activities
April	Unit 1 of Macro CH 1: Circular Flow of Income CH 2: Basic Concepts of Macroeconomics CH 3: National Income and Related Aggregates CH 4: Measurement of	NCERT Questions Topics will be discussed for Practical Project Students will be asked to collect information relevant to their topic and submit a hard copy of the same

	National Income Unit 1 of IED CH 1: Indian Economy on the Eve of Independence	
May	Unit 2 of Macro CH 5: Money CH 6: Banking- Commercial Banks and the Central Bank Unit 1 of IED CH 2: Indian Economy (1950-1990)	
July	Unit 3 of Macro CH 7: Aggregate Demand and Related Concepts CH 8: Income Determination and Multiplier Unit 1 of IED CH 3: Liberalisation, Privatisation and Globalisation: An Appraisal	Project written part to be completed completely
August	Unit 3 of Macro CH 9: Excess Demand and Deficient Demand Unit 2 of IED	Review: Students will work on presentation part and make the file

	CH 4: Human Capital Formation CH 5: Rural Development	
September	Unit 4 of Macro CH 10: Government Budget and the Economy Unit 2 of IED CH 6: Employment-Growth, Informalisation and Other Issues	
October	Unit 5 of Macro CH 11: Foreign Exchange Rate Unit 2 of IED CH 7: Environment and Sustainable Development	Files to be submitted for correction AIL- PPT to be made based on the topic of the Project
November till First week	Unit 5 of Macro CH 12: Balance of Payments Unit 3 of IED CH 8: Comparative Development Experience of India and its Neighbours	