

# ST. RAPHAEL CO- ED SCHOOL JATKHEDI, BHOPAL



**SYLLABUS**

**2025 – 26**

**CLASS – XI (HUMANITIES)**

Name: \_\_\_\_\_

Class: \_\_\_\_\_ Sec: \_\_\_\_\_

ENGLISH			
MONTH	TOPICS	ACTIVITY	EXAM SYLLABUS
<b>APRIL</b>	HORNBILL: 1. The Portrait.. 2. A Photograph SNAPSHOTS: i. The Summer... GRAMMAR: Tenses WRITING SKILL: Notice & Poster		
<b>JUNE</b>	HORNBILL: 3. We're Not... SNAPSHOTS: ii. The Address WRITING SKILL: Classified Ads		
<b>JULY</b>	HORNBILL: 4. Discovering Tut 5. Laburnum Top SNAPSHOTS: iii. Mother's Day GRAMMAR: Clauses WRITING SKILL: Classified Ads Letter of Inquiry	Research work on the major astronomical descriptions and legends associated with them.	PT-I 1. Portrait of a Lady 2. A Photograph 3. We're Not Afraid.. 4. The Summer... W.S. Notice and Poster Grammar: Tenses
<b>AUGUST</b>	HORNBILL: 6. The Voice... SNAPSHOTS: iv. The Ghat...		PT-II 1. Laburnum Top 2. Discovering Tut 3. The Address

	(Subject to Change) GRAMMAR: Transformation of Sentences WRITING SKILL: Letter of Order Note- Making		W.S. Classified Ad Grammar: Clauses
<b>SEPTEMBER</b>	HORNBILL: 7. The Ailing P.. GRAMMAR: Transformation of Sentences WRITING SKILL: Letter of Complaint	ASL	MID-TERM PT-I + PT-II+ 1. The Voice of the Rain 2. Mother's Day Grammar: Tenses, Clauses, Transformation of Sentences W.S.: Notice, Poster, Classified Ads, Letters: Inquiry, Order, Complaint, Note- Making
<b>OCTOBER</b>	HORNBILL: 8. The Adventure 9. Childhood SNAPSHOTS: v. Birth WRITING SKILL: Letter to the Editor		
<b>NOVEMBER</b>	HORNBILL: 10. Silk Road SNAPSHOTS: vi. The Tale of... GRAMMAR: Prepositions & Determiners WRITING SKILL:	Drafting an Itinerary	

	Article & Speech		
<b>DECEMBER</b>	HORNBILL: 11. Father to Son GRAMMAR: Integrated Grammar WRITING SKILL: Debate		PT-III 1. The Adventure 2. Childhood 3. Birth WS: Speech & Article Grammar: Integrated
<b>JANUARY</b>	HORNBILL: Revision SNAPSHOTS: Revision GRAMMAR: Revision WRITING SKILL: Revision	ASL	
<b>FEBRUARY</b>			FINAL EXAM- Complete Syllabus

## POLITICAL SCIENCE

MONTH	TOPICS	ACTIVITY / PRACTICAL	EXAM SYLLABUS
<b>APRIL</b>	PART- A  L-1 CONSITITUTION WHY AND HOW  L-2 RIGHTS IN THE INDIAN CONSTITUTION	GROUP DISCUSSION ON EFFECTIVENESS OF INDIAN CONSTITUTION AND FRAMING OF CONSTITUTION AND RIGHTS *CURRENT NEWS RELATED TO TOPIC DISCUSSED IN THE CLASS. *WRITTEN ASSIGNMENT WILL BE GIVEN.	
<b>JUNE</b>	PART B L-1 POLITICAL THEORY – AN INTRODUCTION	DISCUSSION ON COMPARATIVE STUDY OF POLITICAL SCENARIO OF PRESENT AND PAST CURRENT NEWS WILL BE DISCUSSED IN THE CLASS.	

<b>JULY</b>	PART A ELECTION AND REPRESENTATION PART B L-2 FREEDOM	DISCUSSION ON SUGGESTIONS FOR ELECTORAL REFORMS IN INDIA. DEBATE: DOES DRESS CODE CURTAIL INDIVIDUAL FREEDOM	PT-I PART A- L-1&2 PART B- L- 1
<b>AUGUST</b>	PART A L-4 EXECUTIVE PART B L-3 EQUALITY L-4 SOCIAL JUSTICE	COMPARATIVE ANALYSIS: DIFFERENT FORMS OF EXECUTIVE PASSING OF A BILL- CLASS ACTIVITY LEGISLATURES	PT-2 PART A- L- 3 PART B- L- 2
<b>SEPTEMBER</b>	PART A L – 5 LEGISLATURE	MAP ACTIVITY- IDENTIFICATION OF STATUS WITH BICAMERAL LEGISLATURE.	MID TERM PART A L-1 TO 4 PART B L- 1 TO 4
<b>OCTOBER</b>	L-6 JUDICIARY PART- B L-5 RIGHTS L-6 CITIZENSHIP	MOOT COURT DISCUSSION: ENHANCING ASSERTIVENESS OF THE INDIAN JUDICIARY. COLLABORATIVE LEARNING ASSIGNING TASK FOR ACQUIRING INFORMATION OF DIFFERENT TYPES OF RIGHTS.	
<b>NOVEMBER</b>	PART- A L-7 FEDERALISM L-8 LOCAL GOVERNMENT	GROUP DISCUSSION/ DEBATE: PREVAILING ISSUES IN CENTRE- STATE RELATIONS. MA ACTIVITY	
		RECAPITULATION OF DEFINITIONS TIMELINE- DEPICTING THE EMERGENCE OF LOCAL GOVERNMENT. DISCUSS THE AMENDMENTS IN THE CONSTITUTION AS PER THE NEEDS AND CIRCUMSTANCES.	

		DEBATE:- SHOULD THE JUDICIARY HAVE THE POWER TO DETERMINE THE VALITY OF AMENDMENTS?	
<b>DECEMBER</b>	PART B L-7 NATIONALISM	GROUP INTERACTION:- THE FACTORS THAT HELP IN CREATING THE SENSE OF COLLECTIVE IDENTITY	PT-3 PART-A- L-6 PART-B L-6
<b>JANUARY</b>	PART B L-8 SECULARISM	DISCUSSION AND DEBATE ON INDIAN SECULARISM	
<b>FEBRUARY</b>	<b>REVISION</b>		FINAL EXAM FULL SYLLABUS.

<b>HISTORY</b>			
<b>MONTH</b>	<b>TOPICS</b>	<b>ACTIVITY/PRACTICAL</b>	<b>EXAM SYLLABUS</b>
<b>April</b>	Introduction Of World History	Briefing about the early societies  Use of timeline	
<b>April</b>	1.Writing And City Life	Prepare a chart on the following: <ul style="list-style-type: none"> <li>• Tools used by early humans</li> <li>• Settlement patterns</li> <li>• Crops Animals that were known to early humans</li> </ul>	

<b>June &amp; July</b>	2. An Empire Across Three Continents	Students will prepare a chart on items traded with the Roman empire and India. Students will prepare a timeline focusing on kingdoms and Empires	PT 1 Ch- 1
<b>August</b>	3. Nomadic Empires 4. The three orders	Assume that Juwaini's account of the capture of Bukhara is accurate. Imagine yourself as a resident of Bukhara and Khurasan who heard these speeches. What impact would they have had on you?	PT 2 Ch- 2
<b>September</b>	4. The Three Orders	Note the areas traversed by the Silk Route and the goods that were available to traders along the way. This map does not reflect one of the eastern terminal points of the silk route during the height of Mongol power. Can you place the missing city? Could it have been on the Silk Route in the twelfth century? Why not?	MID TERM Ch- 1,2,3,4
<b>October</b>	5. Changing Cultural Traditions	Debate and explain the Historical phenomenon of feudalism.	
<b>November</b>	6. Displacing Indigenous People	Graphic chart to compare the life of women during this period.	
<b>December</b>	7. Paths to Modernization	Use of factsheets, debates and group-discussions on such issues of displacements, supported with maps.	PT 3 Ch- 5
<b>January</b>	7. Paths to Modernization	Demonstrate an understanding of the concept of modernization and its application in various forms. Videos to	

		understand the upsurge in China and learn about the era.	
<b>February</b>	FINAL EXAM		Full Syllabus

<b>ECONOMICS</b>			
<b>MONTH</b>	<b>TOPICS</b>	<b>ACTIVITY/PRACTICAL</b>	<b>EXAM SYLLABUS</b>
<b>April</b>	<b><u>Statistics for Economics</u></b>	<p>Make a diagrammatic presentation on various govt policies effect on ppc .</p> <p>Prepare a chart showing singular and plural sense in a flowchart form</p>	
	<b><u>Introduction</u></b>		
	<b><u>Micro Economics</u></b>		
	<b><u>Introduction</u></b>		
<b>June</b>	<b><u>Statistics for Economics</u></b>	<p>PPT presentation on methods of collecting primary and secondary data</p> <p>Form a tabular presentation on buying habits of your own ..and show the levels of satisfaction</p>	
	<b><u>Collection of data</u></b>		
	<b><u>Micro Economics</u></b>		
	<b><u>Consumer's Equilibrium</u></b>		



<b>July</b>	<b><u>Statistics for Economics</u></b>	Assignment /Worksheet on numerical questions	<b>PT 1</b>
	<b>Organisation of Data:</b>		PART-A (Satatistics for Eco)
	<b><u>Micro Economics</u></b>	Present a short skit on determination of demand and it's impact on profit earning capacity of business units	[CHAPTER 1]
	<b><u>Theory of demand</u></b>		PART-B (Micro Economics) {CHAPTER-1}
<b>August</b>	<b><u>Statistics for Economics</u></b>	Preparing assignments on tabular presentations, and diagrammatic presentations using graphs	<b>PT 2</b>
	<b>Presentation of Data:</b>		PART-A (Satatistics for Eco)
	<b>Measures of Central Tendency</b>	Numerical questions to be solved assignment and worksheet	[CHAPTER 2]
	<b><u>Micro Economics</u></b>		PART-B (Micro Economics)
	<b><u>Elasticity of demand</u></b>		{CHAPTER-2}
<b>SEPTEMBER</b>	<b><u>Statistics for Economics</u></b>	Assignment based on numerical questions.	<b>MID TERM EXAM</b>
	<b>Measures of Central Tendency</b>		<b>Part- A [Unit- 1,2,3]</b>
	<b>Revision mid term</b>		<b>Part -B [Unit-1,2,3]</b>
<b>OCTOBER</b>	<b><u>Statistics for Economics</u></b>	Chart making on Karlpearsons Coefficient of correlation and Spearman's Rank correlation using different Formulaes.	
	<b>Correlation</b>		
	<b><u>Micro Economics</u></b>		

	<u><b>Concept of cost</b></u> <u><b>Theory of supply</b></u>	Supply- Activity "Are you an enterpenure ? prepare questionnaire,make survey and share your supply decision with peer.	
<b>NOVEMBER</b>	<u><b>Micro Economics</b></u> <u><b>Concept of revenue</b></u>	Cost & revenue An auction market activity (The restaurant game) to understand the behaviour of cost.Present a project report and analyze revenue generation stretegy of your own business.	
<b>DECEMBER</b>	<u><b>Statistics for Economics</b></u> <u><b>Index Numbers</b></u> <u><b>Micro Economics</b></u> Price Determination <u>Main market forms</u>	Students will solve different methods of index number by collecting data from their surroundings and presenting in class  Main market form- Creat a market in class room and defines their features with the help of drama  Price determination... prepare graphical presentation for the products drug & wheat , determine price by market force and show the impact of price celing by govt.	<b>PT-3</b> Part-A (Unit-3-Correlation) Part-B (Unit-3-Cost)
<b>JANUARY</b>	<b>REVISION &amp; PRACTICAL EXAMINATION/FINAL PROJECT SUBMISSION</b>	Viva voce on projects	

<b>FEBRARY</b>	<b>ANNUAL EXAMINATION-2026 [FULL COURSE]</b>		Final Exam  Full syllabus
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<b>COMPUTER SCIENCE</b>			
<b>Month</b>	<b>Topic</b>	<b>Practicals</b>	<b>Syllabus</b>
<b>April</b>	<b>CH-1</b> Basic organization of computer system <b>CH-2</b> Operating system <b>CH- 5</b> Introduction of Problem Scoping	PPT ON THE TOPIC OF OPERATING SYSTEM	
<b>June</b>	<b>CH-6</b> Getting started with python <b>CH-7</b> Python Fundamentals	PRACTICALS ON THE BASIS OF DATA STRUCTURES	
<b>July</b>	<b>CH-3</b> Boolean Logic <b>CH-8</b> Data Handling <b>CH-9</b> Flow of Control	PRACTICALS ON THE BASIS OF OPERATORS USED IN PROGRAMMING	PT-1 CH 1 & 5
<b>August</b>	<b>CH-4</b> Emerging Trends <b>CH-10</b> String Manipulation <b>CH-15</b> Cyber Safety	PRACTICALS ON THE BASIS OF ALL THE CONDITION USED IN PYTHON	PT-2 CH 2,6 & 7
<b>September</b>	<b>CH-11</b> List Manipulation	PRACTICAL OF LIST	MID TERM CH-1,2,5 TO 9 & 15
<b>October</b>	<b>CH-12</b> Tuples <b>CH-13</b> Dictionaries	PRACTICAL OF TUPLES & DICTIONARIES	
<b>November</b>	<b>CH-14</b> Understanding Sorting	PYTHON CODING ON THE BASIS OF SORTING	
<b>December</b>	<b>CH-16</b> Computer Security <b>CH-17</b> Society, Law and Ethics	DRAW THE FLOW CHART ON THE TOPIC OF PROPERTY RIGHT & E-WASTE MANAGEMENT	PT-3 CH 11 & 12



		Flag, Oath, and Anthem 5. Olympic Movement Structure - IOC, NOC, IFS, Other members		
<b>JUNE</b>	CH 3: Yoga	<b>CHAPTER 3-</b> <ol style="list-style-type: none"> <li>1. Meaning and importance of Yoga</li> <li>2. Introduction to Astanga Yoga</li> <li>3. Yogic Kriyas (Shat Karma)</li> <li>4. Pranayama and its types.</li> </ol> Active Lifestyle and stress management through Yoga	Performing different asanas for concentration of mind	
<b>JULY</b>	CH 4: Physical Education and Sports for Children with Special Needs (CWSN)  CH 5: Physical Fitness, Wellness.	<b>CHAPTER 4-</b> <ol style="list-style-type: none"> <li>1. Concept of Disability and Disorder</li> <li>2. Types of Disability, its causes &amp; nature (Intellectual disability, Physical disability).</li> <li>3. Disability Etiquette</li> <li>4. Aim and objectives of Adaptive Physical Education.</li> <li>5. Role of various professionals for children with special needs (Counselor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist, and Special Educator)</li> </ol> <b>CHAPTER 5-</b> <ol style="list-style-type: none"> <li>1. Meaning &amp; importance of Wellness, Health, and Physical Fitness.</li> </ol>	Explaining the role of different teachers for CWSN	PT 1: CH 1,2

		2. Components/Dimensions of Wellness, Health, and Physical Fitness 3. Traditional Sports & Regional Games for promoting wellness 4. Leadership through Physical Activity and Sports Introduction to First Aid – PRICE	Demonstration of traditional games and sports on ground	
<b>AUGUST</b>	CH 6: Test, Measurement & Evaluation	<b>CHAPTER 6-</b> 1. Define Test, Measurements and Evaluation. 2. Importance of Test, Measurements and Evaluation in Sports. 3. Calculation of BMI, Waist – Hip Ratio, Skinfold measurement (3-site) 4. Somato Types (Endomorphy, Mesomorphy & Ectomorphy) 5. Measurements of health-related fitness	Conducting BMI and WHR test	PT 2: CH 3,
<b>SEPTEMBER</b>	CH 7: Fundamentals of Anatomy, Physiology in Sports	<b>CHAPTER 7-</b> 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.	Explanation of skeletal system with the help of skeleton	MID TERM: CH 1, 2, 3,4,5 & 6

	CH 8: Fundamentals Of Kinesiology And Biomechanics in Sports	<p>Structure and Functions of Respiratory System</p> <p><b>CHAPTER 8-</b></p> <ol style="list-style-type: none"> <li>1. Definition and Importance of Kinesiology and Biomechanics in Sports. Principles of Biomechanics</li> <li>2. Kinetics and Kinematics in Sports</li> <li>3. Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination &amp; Pronation</li> <li>4. Axis and Planes – Concept and its application in body movements</li> </ol>	Explanation of relevant topics through a particular sport	
<b>OCTOBER</b>	CH 9: Psychology and Sports	<p><b>CHAPTER 9-</b></p> <ol style="list-style-type: none"> <li>1. Definition &amp; Importance of Psychology in Physical Education &amp; Sports;</li> <li>2. Developmental Characteristics at Different Stages of Development</li> <li>3. Adolescent Problems &amp; their Management;</li> <li>4. Team Cohesion and Sports; Introduction to Psychological Attributes: Attention, Resilience, Mental Toughness</li> </ol>	Explanation of relevant topics through a particular sport	
<b>NOVEMBER</b>	CH10	<p><b>CHAPTER 10-</b></p> <ol style="list-style-type: none"> <li>1. Concept and Principles of Sports Training</li> <li>2. Training Load: Over Load, Adaptation, and Recovery</li> </ol>		

	Training & Doping in Sports	3. Warming-up & Limbering Down – Types, Method & Importance 4. Concept of Skill, Technique, Tactics & Strategies 5. Concept of Doping and its disadvantages	Warming-up and Limbering-down	
<b>DECEMBER</b>	Revision	PRACTICAL		PT 3 – CH- 7,8
<b>JANUARY</b>	Revision			
<b>FEBRUARY</b>				FINAL EXAM
<b>MARCH</b>				

<b>PSYCHOLOGY</b>				
<b>MONTH</b>	<b>TOPICS</b>	<b>ACTIVITY/PRACTICAL</b>	<b>EXAM SYLLABUS</b>	
<b>APRIL</b>	CHAPTER 1- WHAT IS PSYCHOLOGY?	PREPARE A COLLAGE ON WHAT IS PSYCHOLOGY, ITS SCOPE AND VARIOUS BRANCHES.		
<b>JUNE</b>	CHAPTER 2- METHODS OF ENQUIRY IN PSYCHOLOGY  PRACTICAL 1	IN GROUPS, DESIGN AN OBSERVATION SCHEDULE TO STUDY A PARTICULAR BEHAVIOUR FOR THIRTY MINUTES IN A SAMPLE OF STUDENTS AT SCHOOL A AFTER CONDUCTING THIS OBSERVATION, CREATE YOUR REPORT.		
<b>JULY</b>	CHAPTER 4- HUMAN DEVELOPMENT PRACTICAL 2	CREATE A PRESENTATION ON DIFFERENT LIFE STYLE DEVELOPMENT BY USING ANY MEDIUM OF ART.	PT 1 CH-1	



<b>AUGUST</b>	CHAPTER 5 - SENSORY, ATTENTIONAL AND PERCEPTUAL PROCESSES PRACTICAL 3	DRAW/PAINT AN IMAGE BASED ON FIGURE AND GROUND CONCEPT.	PT 2 CH-2
<b>SEPTEMBER</b>	PRACTICAL 4	SELF AWARENESS AND REGULATION ACTIVITY (JOURNALING/ MEDITATION).	MID TERM CH- 1,2,4,5
<b>OCTOBER</b>	CHAPTER 6- LEARNING  PRACTICAL 5	TAKE SOME WORDS AND WRITE THEM ON SEPARATE CARDS, AND READ THEM ALOUD. AFTER COMPLETION OF TWO READINGS, WRITE DOWN THE WORDS IN ANY ORDER LIKE RICE, CURD, SHOES, SOCIAL, SWEET, POND, POTATO, ICE-CREAM, ROSE.THEN, ANALYSE YOUR DATA TO SEE WHETHER RECALLED WORDS SHOW ANY ORGANISATION.	
<b>NOVEMBER</b>	CHAPTER 7- HUMAN MEMORY	WRITE TWO SEPARATE EVENTS THAT YOU LIKE ABOUT YOUR CHILDHOOD DAYS WHICH YOU REMEMBER. USE SEPARATE SHEETS FOR WRITING ABOUT EACH EVENT. COMPARE THESE IN TERMS OF LENGTH, FELT EMOTIONS, AND CO-RELATION.	
<b>DECEMBER</b>	CHAPTER 8- THINKING	STUDENTS LOOK AT AN IMAGE WITH A NUMBER OF PEOPLE. EACH STUDENT PICKS ONE PERSON FROM THE PICTURE AND WRITES WHAT THEY THINK THE PERSON IS THINKING.	PT 3 CH- 6,7
<b>JANUARY</b>	CHAPTER 9- MOTIVATION AND EMOTION	STUDENTS CAN CHOOSE A SPECIFIC MOTIVATIONAL OR EMOTIONAL EXPERIENCE ABOUT THEM AND EXPRESS IT CREATIVELY THROUGH ANY MEDIUM.	
<b>FEBRUARY</b>	FINAL EXAM		FULL SYLLABUS

## APPLIED MATHS

Months	Unit	Practical/ activity	Exam Syllabus
<b>APRIL</b>	UNIT 1:- (PART) Numbers and Quantification <ul style="list-style-type: none"> <li>• Simple applications of logarithm and antilogarithm</li> <li>• Laws and properties of logarithms</li> <li>• Indices, logarithms and antilogarithms</li> <li>• Binary numbers</li> </ul>		
<b>JUNE</b>	UNIT1:- (continued) Numerical Applications <ul style="list-style-type: none"> <li>• Seating arrangement</li> <li>• Mensuration</li> <li>• Time, work and distance</li> <li>• Calendar</li> <li>• Clock</li> <li>• Averages</li> </ul> III. Mathematical Reasoning		
<b>JULY</b>	Unit :-II. Algebra:- <ul style="list-style-type: none"> <li>• Sets</li> <li>• Relations</li> <li>• Sequence and series</li> <li>• Permutations and combinations</li> </ul>	*To find the number of subsets of a given set and verify that if a set has $n$ number of elements, then the total number of subsets is $2^n$  *To verify that for two sets A and B, $n(A \times B) = pq$ and the total number of relations from A to B is $2^{pq}$ , where $n(A) = p$ and $n(B) = q$ .	PT-I Unit:-1

		*To represent set theoretic operations using Venn diagrams.	
<b>AUGUST</b>	Unit :-IV-Calculus		PT-II Unit:-II(Sets ,Relations and functions)
<b>SEPTEMBER</b>	Unit:-V-Probability	*To write the sample space, when a die is rolled once, twice -----	MIDTERM UNIT-1,2,3,,4,5
<b>OCTOBER</b>	VI-Descriptive Statistics	Practical:- (ANY ONE): 1.Use of spreadsheet Calculating average, interest (simple and compound), 2.Creating pictographs, drawing pie chart, bar graphs, 3.Calculating central tendency visualizing graphs (straight line, circles and parabola using real-time data)	
<b>NOVEMBER</b>	VII-basics of financial mathematics utility bill, taxation, compound interest and annuity		
<b>DECEMBER</b>	VIII-Coordinate Geometry	*To construct different types of conic sections.	PT-III Unit:-VI
<b>JANUARY</b>			
<b>FEBRUARY</b>			