

**ST. RAPHAEL CO- ED SCHOOL  
JATKHEDI, BHOPAL**



**SYLLABUS  
2026 - 27  
CLASS - XI B**

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

## SUBJECT-ENGLISH

MONTH	TOPICS	ACTIVITY	EXAM SYLLABUS
APRIL	HORNBILL: 1. THE PORTRAIT. 2. A PHOTOGRAPH SNAPSHOTS: i. THE SUMMER... GRAMMAR: TENSES WRITING SKILL: NOTICE & POSTER		
JUNE	HORNBILL: 3. WE'RE NOT... SNAPSHOTS: ii. THE ADDRESS WRITING SKILL: CLASSIFIED ADS		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
JULY	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.	
AUGUST	HORNBILL: 6. THE VOICE... GRAMMAR: TRANSFORMATION OF SENTENCES WRITING SKILL: LETTER OF ORDER NOTE- MAKING		PT-II 1. LABURNUM TOP 2. DISCOVERING TUT 3. THE ADDRESS W.S. CLASSIFIED AD GRAMMAR: CLAUSES
SEPTEMBER	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
OCTOBER	HORNBILL: 8. THE ADVENTURE 9. CHILDHOOD SNAPSHOTS: iv. BIRTH WRITING SKILL: LETTER TO THE EDITOR		
NOVEMBER	HORNBILL: 10. SILK ROAD SNAPSHOTS: v. THE TALE OF.. GRAMMAR: PREPOSITIONS & DETERMINERS WRITING SKILL: ARTICLE & SPEECH	DRAFTING AN ITINERARY	PT-III 1. THE ADVENTURE 2. CHILDHOOD 3. BIRTH WS: SPEECH & ARTICLE GRAMMAR: INTEGRATED
DECEMBER	HORNBILL: 11. FATHER TO SON GRAMMAR: INTEGRATED GRAMMAR WRITING SKILL: DEBATE		
JANUARY	HORNBILL: REVISION SNAPSHOTS: REVISION GRAMMAR: REVISION WRITING SKILL: REVISION	ASL	
FEBRUARY			FINAL EXAM- COMPLETE SYLLABUS

**HORNBILL:**

PROSE CHAPTERS: THE PORTRAIT OF A LADY, WE'RE NOT AFRAID...,  
DISCOVERING TUT, THE AILING PLANET, THE ADVENTURE & SILK ROAD  
POEMS: A PHOTOGRAPH, LABURNUM TOP, THE VOICE OF THE RAIN,  
CHILDHOOD, FATHER TO SON

**SNAPSHOTS:**

THE SUMMER OF A BEAUTIFUL WHITE HORSE, THE ADDRESS, MOTHER'S  
DAY, BIRTH & THE TALE OF THE MELON CITY

**WRITING SKILLS** NOTICE, POSTER, CLASSIFIED ADS, LETTER OF  
ORDER, LETTER OF COMPLAINT, LETTER TO THE EDITOR, NOTE-  
MAKING, ARTICLE, SPEECH & DEBATE

**GRAMMAR:** TENSES, PREPOSITIONS, DETERMINERS &  
TRANSFORMATION OF SENTENCES

## SUBJECT -ACCOUNTANCY

MONTH	TOPICS	ACTIVITY/ PRACTICAL	EXAM SYLLABUS
<b>APRIL</b>	<b>PART A: FINANCIAL ACCOUNTING - I</b> CHAPTER-1 INTRODUCTION TO ACCOUNTING CHAPTER-2 BASIC ACCOUNTING TERMS CHAPTER -3 THEORY BASE OF ACCOUNTING	CONTENT MAPPING  FLOWCHART & MIND MAP BASED ACTIVITY	
JUNE	CHAPTER 4- BASES OF ACCOUNTING CHAPTER-5 ACCOUNTING EQUATION CHAPTER -6 ACCOUNTING PROCEDURES-RULES OF DEBIT & CREDIT CHAPTER -7 ORIGIN OF TRANSACTION [PROJECT WORK]	PROJECT BASED ACTIVITY TOPIC – “SOURCE DOCUMENTS & PREPARATION OF VOUCHERS” [CHAPTER 7 BASED]	<b>P T-1</b> EXAMINATION CHAPTER - 1,2,3 & 5
JULY	CHAPTER- 8 JOURNAL CHAPTER-9 LEDGER  CHAPTER-10 SPECIAL PURPOSE BOOKS I - CASH BOOK CHAPTER-11 SPECIAL PURPOSE BOOKS II: OTHER BOOKS	UNDERTAKE 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 MAKE A CASH BOOK FOR YOUR OWN BUSINESS & IDENTIFY THE CASH FLOW IN THE BUSINESS.	
AUGUST	CHAPTER-12 ACCOUNTING OF GST CHAPTER 13- BANK RECONCILIATION STATEMENT CHAPTER 14 - TRIAL BALANCE  CHAPTER 15- DEPRECIATION	PROJECT WORK COLLECT THE INFORMATION FOR NEW GST RATE LIST. PASTE IT IN YOUR NOTE BOOK ALSO MAKE TRIAL BALANCE FOR YOUR OWN BUSINESS. MAKE PRESENTATION ON PROCESS OF DEPRECIATION FOR YOUR OWN BUSINESS	P T-2 EXAMINATION PART-A VOL-1 CH-5,6,7

SEPTEMBER	PRACTICE FOR MID TERM PRACTICAL PRACTICAL EXAM MIDTERM REVISION FOR MID TERM	SAMPLE PAPER, WORKSHEET, PREVIOUS YEAR BOARD PAPERS	MID -TERM EXAMINATION CHAPTER 1,2,3,4,5,6,8,9 10,11,13,14
OCTOBER	CHAPTER-16 PROVISIONS & RESERVES CHAPTER-17 RECTIFICATION OF ERRORS	FLOW CHARTS ON VARIOUS COMPONENTS  FORMAT OF PROFIT & LOSS TRADING ACCOUNT & BALANCE SHEET TO BE DRAWN	
NOVEMBER	PART B: FINANCIAL ACCOUNTING - II UNIT 3:  CHAPTER-18 FINANCIAL STATEMENTS OF SOLE PROPRIETORSHIP  CHAPTER-19 ADJUSTMENTS IN PREPARATION OF FINANCIAL STATEMENTS	FINAL SUBMISSION OF PROJECT  TO BE FINALIZED BY STUDENTS AFTER APPROVAL OF SUBJECT TEACHER  FIELD TRIP -INDUSTRY /BANKING SYSTEM	PT 3 CHAPTER- 15,16,
DECEMBER	CHAPTER- 20 ACCOUNTS FOR INCOMPLETE RECORD SINGLE ENTRY SYSTEM	PROJECT PRESENTATION + VIVA QUESTION ANSWER ROUND SESSION	
JANUARY	REVISION FOR FINAL EXAMINATION [FULL COURSE]	SAMPLE PAPER, CASE STUDIES PROJECT PRESENTATION	PRACTICAL EXAMINATION PROJECT & VIVA
FEBRUARY			FINAL EXAMINATION FULL COURSE

### **SUBJECT – BUSINESS STUDIES**

<b>MONTH</b>	<b>TOPICS</b>	<b>ACTIVITY/PRACTICAL</b>	<b>EXAM SYLLABUS</b>
APRIL	L-1 NATURE AND PURPOSE OF BUSINESS L-2 FORMS OF BUSINESS ORGANIZATIONS	POWERPOINT POINT PRESENTATION BY GROUPS IN CLASS	

JUNE	L-3 PUBLIC, PRIVATE AND GLOBAL ENTERPRISES	ASSIGNMENT ON EXPLORE DIFFERENT SECTORS BY TAKING REAL TIME EXAMPLES AND PREPARE A WRITE UP	PT 1 L- 1, 2
JULY	L-7 SOURCES OF BUSINESS FINANCE	TAKE DIFFERENT SOURCES OF FUNDS AND PREPARE A ROLE PLAY EXPLAINING ITS MERITS AND DEMERITS	
AUGUST	L- 4 BUSINESS SERVICES	PROJECT REPORT ON BANKING, INSURANCE, TRANSPORTATION	PT-2 L-3,7
SEPTEMBER	REVISION MIDTERM & PRACTICAL EXAM	CLASS TEST, QUIZ	MID TERM EXAM L-1,2,3,4,7
OCTOBER	L-5. EMERGING MODES OF BUSINESS	CHART MAKING GROUP ACTIVITY STUDENTS WILL DRAW REGARDING E-BUSINESS, ONLINE TRANSACTION, OUTSOURCING	
NOVEMBER	L-6.SOCIAL RESPONSIBILITY OF BUSINESS AND BUSINESS ETHICS.  L-8. SMALL BUSINESS AND ENTERPRISES	VISIT LOCAL VENDORS, INDUSTRY'S AND COLLECT INFORMATION ON THEIR CONTRIBUTION TO SOCIETY REGARDING ENVIRONMENTAL PROTECTION. FORM YOUR OWN COMPANY ON THE BASIS OF THE LESSON DISCUSSED IN CLASS.	PT-3 L-5,6
DECEMBER	L-9. INTERNAL TRADE  L-10. INTERNATIONAL TRADE	FIELD TRIP TO WHOLESALERS, RETAILERS, DEPARTMENTAL STORES AND SUPER STORES. COLLECT INFORMATION AND PREPARE A PROJECT ALONG WITH PHOTOS. PREPARE AN ASSIGNMENT ON THE QUESTIONS GIVEN AND SUBMIT IT AFTER RELATING IT TO REAL EXAMPLES ON INTERNATIONAL TRADE	
JANUARY	REVISION & PRACTICAL EXAMINATIONS	VIVA VOCE ON PROJECT	
FEBRUARY	ANNUAL EXAMINATION		FINAL EXAM FULL SYLLABUS

## SUBJECT- ECONOMICS

MONTH	TOPICS	ACTIVITY/PRACTICAL	EXAM SYLLABUS
APRIL	<b>STATISTICS FOR ECONOMICS</b> INTRODUCTION <b>MICRO ECONOMICS</b> INTRODUCTION	MAKE A DIAGRAMMATIC PRESENTATION ON VARIOUS GOVT POLICIES EFFECT ON PPC.  PREPARE A CHART SHOWING SINGULAR AND PLURAL SENSE IN A FLOWCHART FORM	
JUNE	<b>STATISTICS FOR ECONOMICS</b> COLLECTION OF DATA <b>MICRO ECONOMICS</b> CONSUMER'S EQUILIBRIUM	PPT PRESENTATION ON METHODS OF COLLECTING PRIMARY AND SECONDARY DATA FORM A TABULAR PRESENTATION ON BUYING HABITS OF YOUR OWN AND SHOW THE LEVELS OF SATISFACTION	<b>PT 1</b> PART-A (STATISTICS FOR ECO) [CHAPTER 1] PART-B (MICRO ECONOMICS) {CHAPTER-1}
JULY	<b>STATISTICS FOR ECONOMICS</b> ORGANISATION OF DATA: <b>MICRO ECONOMICS</b> THEORY OF DEMAND	ASSIGNMENT /WORKSHEET ON NUMERICAL QUESTIONS  PRESENT A SHORT SKIT ON DETERMINATION OF DEMAND AND IT'S IMPACT ON PROFIT EARNING CAPACITY OF BUSINESS UNITS	
AUGUST	<b>STATISTICS FOR ECONOMICS</b> PRESENTATION OF DATA: MEASURES OF CENTRAL TENDENCY  <b>MICRO ECONOMICS</b> ELASTICITY OF DEMAND PRODUCTION FUNCTION	PREPARING ASSIGNMENTS ON TABULAR PRESENTATIONS, AND DIAGRAMMATIC PRESENTATIONS USING GRAPHS  NUMERICAL QUESTIONS TO BE SOLVED ASSIGNMENT AND WORKSHEET	<b>PT 2</b> PART-A (STATISTICS FOR ECO) [CHAPTER 2]  PART-B (MICRO ECONOMICS) {CHAPTER-2}
SEPTEMBER	<b>STATISTICS FOR ECONOMICS</b> MEASURES OF CENTRAL TENDENCY REVISION MID TERM	ASSIGNMENT BASED ON NUMERICAL QUESTIONS.	<b>MID TERM EXAM</b> PART- A [UNIT-1,2,3] PART -B [UNIT-1,2,3]

<b>OCTOBER</b>	<b>STATISTICS FOR ECONOMICS</b> CORRELATION <b>MICRO ECONOMICS</b> CONCEPT OF COST THEORY OF SUPPLY	CHART MAKING ON KARLPEARSONS COEFFICIENT OF CORRELATION AND SPEARMAN'S RANK CORRELATION USING DIFFERENT FORMULAEES.  SUPPLY- ACTIVITY "ARE YOU AN ENTREPRENEUR? PREPARE QUESTIONNAIRE, MAKE SURVEY AND SHARE YOUR SUPPLY DECISION WITH PEER.	
<b>NOVEMBER</b>	MICRO ECONOMICS CONCEPT OF REVENUE	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>PT-3</b> PART-A (UNIT-3- CORRELATION)  PART-B (UNIT-3- COST)
<b>DECEMBER</b>	<b>STATISTICS FOR ECONOMICS</b> INDEX NUMBERS <b>MICRO ECONOMICS</b> PRICE DETERMINATION MAIN MARKET FORMS	STUDENTS WILL SOLVE DIFFERENT METHODS OF INDEX NUMBER BY COLLECTING DATA FROM THEIR SURROUNDINGS AND PRESENTING IN CLASS  MAIN MARKET FORM- CREATE 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>JANUARY</b>	REVISION & PRACTICAL EXAMINATION/FINAL PROJECT SUBMISSION	VIVA VOCE ON PROJECTS	
<b>FEBRUARY</b>	ANNUAL EXAMINATION-2027 [FULL COURSE]		FINAL EXAM FULL SYLLABUS

## SUBJECT – PSYCHOLOGY

<b>MONTH</b>	<b>TOPICS</b>	<b>ACTIVITY/PRACTICAL</b>	<b>EXAM SYLLABUS</b>
<b>APRIL</b>	<b>CHAPTER 1- WHAT IS PSYCHOLOGY?</b>	<b>REFLECTION ACTIVITY:</b> STUDENTS WILL WRITE A SHORT NOTE ON "HOW PSYCHOLOGY CAN HELP ME IN MY DAILY LIFE." PREPARE A COLLAGE ON WHAT IS PSYCHOLOGY, ITS SCOPE AND VARIOUS BRANCHES.	
<b>JUNE</b>	<b>CHAPTER 2- METHODS OF ENQUIRY IN PSYCHOLOGY</b>	<b>SURVEY ACTIVITY:</b> STUDENTS WILL PREPARE A SHORT QUESTIONNAIRE ON A TOPIC SUCH AS STUDY HABITS OR STRESS AND COLLECT RESPONSES FROM CLASSMATES. <b>OBSERVATION ACTIVITY:</b> STUDENTS WILL OBSERVE BEHAVIOR IN A CLASSROOM OR PLAYGROUND SETTING AND RECORD THEIR OBSERVATIONS. <b>INTERVIEW ACTIVITY:</b> STUDENTS WILL CONDUCT A SHORT INTERVIEW WITH A PEER OR FAMILY MEMBER ON A PSYCHOLOGICAL TOPIC AND NOTE THE RESPONSES. <b>CASE STUDY ACTIVITY:</b> STUDENTS WILL READ A SIMPLE CASE DESCRIPTION AND IDENTIFY THE PSYCHOLOGICAL METHOD USED TO STUDY THE BEHAVIOR.	PT 1 CH-1
<b>JULY</b>	<b>CHAPTER 3- HUMAN DEVELOPMENT</b>	<b>LIFE SPAN CHART:</b> PREPARE A DIAGRAM SHOWING DIFFERENT STAGES OF HUMAN DEVELOPMENT (INFANCY, CHILDHOOD, ADOLESCENCE, ADULTHOOD, AND OLD AGE) WITH THEIR KEY	

		CHARACTERISTICS.	
<b>AUGUST</b>	<b>CHAPTER 4 -</b> SENSORY, ATTENTIONAL AND PERCEPTUAL PROCESSES  PRACTICAL 1	<b>ATTENTION TEST ACTIVITY:</b> STUDENTS WILL PERFORM A SIMPLE TASK (E.G., COUNTING SPECIFIC LETTERS IN A PARAGRAPH) TO UNDERSTAND THE CONCEPT OF <b>SELECTIVE ATTENTION.</b> <b>OBSERVATION ACTIVITY:</b> STUDENTS WILL OBSERVE DIFFERENT OBJECTS OR PICTURES AND DESCRIBE HOW <b>PERCEPTION VARIES AMONG INDIVIDUALS.</b> DRAW/PAINT AN IMAGE BASED ON FIGURE AND GROUND CONCEPT.	PT 2 CH-2
<b>SEPTEMBER</b>		SELF-AWARENESS AND REGULATION ACTIVITY (JOURNALING/ MEDITATION). CASE STUDY ANALYSIS	MID TERM CH- 1,2,3,4
<b>OCTOBER</b>	<b>CHAPTER 5-</b> LEARNING  PRACTICAL- 2	<b>CLASSICAL CONDITIONING ACTIVITY:</b> STUDENTS WILL OBSERVE AND EXPLAIN AN EXAMPLE OF <b>CLASSICAL CONDITIONING</b> LEARNING FROM DAILY LIFE (E.G., LEARNING HABITS THROUGH ASSOCIATION). <b>TRIAL AND ERROR LEARNING ACTIVITY:</b> STUDENTS WILL PERFORM A SIMPLE <b>TRIAL AND ERROR TASK</b> (SUCH AS SOLVING A PUZZLE) AND NOTE HOW PERFORMANCE IMPROVES WITH REPEATED ATTEMPTS.	
<b>NOVEMBER</b>	<b>CHAPTER 6-</b> HUMAN MEMORY	<b>MEMORY TEST ACTIVITY:</b> STUDENTS WILL BE GIVEN A LIST OF WORDS TO MEMORIZE FOR A SHORT TIME AND THEN ASKED TO RECALL THEM TO UNDERSTAND MEMORY RECALL. <b>MEMORY TECHNIQUES ACTIVITY:</b> STUDENTS WILL PRACTICE MEMORY IMPROVEMENT TECHNIQUES SUCH AS <b>MNEMONICS, REHEARSAL, AND</b>	PT 3 CH- 5,6

		<b>VISUALIZATION.</b>	
<b>DECEMBER</b>	<b>CHAPTER 7- THINKING</b>	<p><b>PROBLEM-SOLVING ACTIVITY:</b> STUDENTS WILL BE GIVEN SIMPLE PUZZLES OR SITUATIONS AND ASKED TO EXPLAIN THE STEPS THEY USE TO REACH THE SOLUTION.</p> <p><b>CREATIVE THINKING ACTIVITY:</b> STUDENTS WILL LIST AS MANY POSSIBLE USES OF A COMMON OBJECT (E.G., A PAPER CLIP OR BRICK) TO UNDERSTAND DIVERGENT THINKING.</p> <p><b>DECISION-MAKING ACTIVITY:</b> STUDENTS WILL ANALYZE A REAL-LIFE SITUATION AND LIST POSSIBLE CHOICES, ADVANTAGES, AND DISADVANTAGES BEFORE MAKING A DECISION.</p>	
<b>JANUARY</b>	<b>CHAPTER 8- MOTIVATION AND EMOTION</b>	<p><b>SELF-REFLECTION ACTIVITY:</b> STUDENTS WILL WRITE ABOUT THEIR PERSONAL GOALS AND IDENTIFY THE FACTORS THAT MOTIVATE THEM TO ACHIEVE THOSE GOALS.</p> <p><b>EMOTION OBSERVATION ACTIVITY:</b> STUDENTS WILL OBSERVE DIFFERENT EMOTIONS IN DAILY LIFE SITUATIONS AND RECORD THE CAUSES AND EXPRESSIONS OF THOSE EMOTIONS.</p> <p><b>ROLE PLAY ACTIVITY:</b> STUDENTS WILL PERFORM SHORT ROLE PLAYS TO DEMONSTRATE DIFFERENT EMOTIONS SUCH AS HAPPINESS, ANGER, FEAR, AND SURPRISE.</p>	
<b>FEBRUARY</b>	FINAL EXAM	REVISION, SAMPLE PAPER PRACTICE	FULL SYLLABUS

### SUBJECT- PHYSICAL EDUCATION

MONTH	NAME OF THE CHAPTER	TOPICS	ACTIVITY/ PRACTICAL	EXAM SYLLABUS
	CH1- CHANGING TRENDS AND	• CONCEPT, AIMS & OBJECTIVES OF PHYSICAL EDUCATION	PARTICIPATION IN INTER- HOUSE	

	<p>CAREERS IN PHYSICAL EDUCATION</p> <p>CH 2 - OLYMPIC VALUE EDUCATION</p>	<ul style="list-style-type: none"> <li>• DEVELOPMENT OF PHYSICAL EDUCATION IN INDIA – POST INDEPENDENCE</li> <li>• CHANGING TRENDS IN SPORTS- PLAYING SURFACE, WEARABLE GEARS AND SPORTS EQUIPMENT, TECHNOLOGICAL ADVANCEMENTS</li> <li>• CAREER OPTIONS IN PHYSICAL EDUCATION</li> <li>• KHELO-INDIA AND FIT-INDIA PROGRAM</li> <li>• OLYMPISM – CONCEPT AND OLYMPICS VALUES (EXCELLENCE, FRIENDSHIP &amp; RESPECT)</li> <li>• OLYMPIC VALUE EDUCATION – JOY OF EFFORT, FAIR PLAY, RESPECT FOR OTHERS, PURSUIT OF EXCELLENCE, BALANCE AMONG BODY, WILL &amp; MIND</li> <li>• ANCIENT AND MODERN OLYMPICS</li> <li>• OLYMPICS - SYMBOLS, MOTTO, FLAG, OATH, AND ANTHEM</li> <li>• OLYMPIC MOVEMENT STRUCTURE - IOC, NOC, IFS, OTHER MEMBERS</li> </ul>	<p>COMPETITION</p> <p>QUIZ COMPETITION ON OLYMPICS</p>	
<b>JUNE</b>	<b>CHAPTER 3- YOGA</b>	<ul style="list-style-type: none"> <li>• MEANING &amp; IMPORTANCE OF YOGA</li> <li>• INTRODUCTION TO ASHTANGA YOGA</li> <li>• YOGIC KRIYAS (SHAT KARMA)</li> <li>• PRANAYAMA AND ITS TYPES</li> <li>• ACTIVE LIFESTYLE AND STRESS MANAGEMENT THROUGH YOGA</li> </ul>	<p>PERFORMING DIFFERENT ASANAS FOR CONCENTRATION AND RELAXATION</p>	<p>PT 1: CH 1 &amp; 2</p>
<b>JULY</b>	<p>CH 4: PHYSICAL EDUCATION AND SPORTS FOR CHILDREN WITH SPECIAL NEEDS (CWSN)</p>	<ul style="list-style-type: none"> <li>• CONCEPT OF DISABILITY &amp; DISORDER</li> <li>• TYPES OF DISABILITY, ITS CAUSES &amp; NATURE (INTELLECTUAL DISABILITY PHYSICAL DISABILITY)</li> <li>• DISABILITY ETIQUETTES</li> </ul>	<p>PLAYING CWSN SPORTS TO UNDERSTAND THE CHALLENGES FACED BY STUDENTS WITH SPECIAL NEEDS</p>	

	CH 5: PHYSICAL FITNESS, HEALTH AND WELLNESS.	<ul style="list-style-type: none"> <li>• AIM &amp; OBJECTIVE OF ADAPTIVE PHYSICAL EDUCATION</li> <li>• ROLE OF VARIOUS PROFESSIONALS FOR CHILDREN WITH SPECIAL NEEDS (COUNSELLOR, OCCUPATIONAL THERAPIST, PHYSIOTHERAPIST, PHYSICAL EDUCATION TEACHER, SPEECH THERAPIST &amp; SPECIAL EDUCATOR)</li> <li>• MEANING &amp; IMPORTANCE OF WELLNESS, HEALTH AND PHYSICAL FITNESS.</li> <li>• COMPONENTS/DIMENSIONS OF WELLNESS, HEALTH AND PHYSICAL FITNESS</li> <li>• TRADITIONAL SPORTS AND REGIONAL GAMES FOR PROMOTING WELLNESS.</li> <li>• LEADERSHIP THROUGH PHYSICAL ACTIVITY AND SPORTS</li> <li>• INTRODUCTION OF FIRST AID - PRICE</li> </ul>	CONDUCTING FITNESS TEST: <ul style="list-style-type: none"> <li>• 50 MT SPRINT</li> <li>• SIT UPS</li> <li>• 600 MT</li> <li>• RUN ETC</li> </ul>	
<b>AUG</b>	CH 6: TEST, MEASUREMENT & EVALUATION	<ul style="list-style-type: none"> <li>• DEFINE TEST, MEASUREMENT &amp; EVALUATION</li> <li>• IMPORTANCE OF TEST, MEASUREMENT &amp; EVALUATION IN SPORTS</li> <li>• CLASSIFICATION OF TEST IN PHYSICAL EDUCATION AND SPORTS</li> <li>• TEST ADMINISTRATION GUIDELINES IN PHYSICAL EDUCATION AND SPORTS</li> <li>• BMI, WAIST-HIP RATIO, SKINFOLD MEASURES (3-SITE)</li> </ul>	CONDUCTING BMI AND WHR TEST	PT 2- CH 3 & 4
<b>SEPT</b>	CH 7: FUNDAMENTALS OF ANATOMY, PHYSIOLOGY	<ul style="list-style-type: none"> <li>• DEFINITION AND IMPORTANCE OF ANATOMY AND</li> </ul>	EXPLANATION OF SKELETAL SYSTEM WITH THE HELP OF	MID TERM:



		<ul style="list-style-type: none"> <li>• TEAM COHESION AND SPORTS;</li> <li>• INTRODUCTION TO PSYCHOLOGICAL ATTRIBUTES: ATTENTION, RESILIENCE, MENTAL TOUGHNESS</li> </ul>		
<b>NOV</b>	CH10 TRAINING & DOPING IN SPORTS	<ul style="list-style-type: none"> <li>• CONCEPT AND PRINCIPLES OF SPORTS TRAINING</li> <li>• TRAINING LOAD: OVER LOAD, ADAPTATION, AND RECOVERY</li> <li>• WARMING-UP &amp; LIMBERING DOWN – TYPES, METHOD &amp; IMPORTANCE</li> <li>• CONCEPT OF SKILL, TECHNIQUE, TACTICS &amp; STRATEGIES</li> <li>• CONCEPT OF DOPING AND ITS DISADVANTAGES</li> </ul>	EXPLAINING WARMING-UP AND LIMBERING-DOWN	PT 3 CH-7 & 8
<b>DEC</b>	REVISION	FINAL PRACTICAL EXAM		
<b>JAN</b>	REVISION			
<b>FEB</b>	FINAL EXAM			FINAL EXAM (ALL 10 CH)

### **SUBJECT – COMPUTER SCIENCE (083)**

<b><u>MONTH</u></b>	<b><u>TOPIC</u></b>	<b><u>PRACTICALS</u></b>	<b><u>SYLLABUS</u></b>
<b>APRIL</b>	<b>CH-1</b> BASIC ORGANIZATION OF COMPUTER SYSTEM <b>CH-2</b> OPERATING SYSTEM, NUMBER SYSTEM AND ENCODING, BOOLEAN LOGIC AND GATES <b>CH-5</b> GETTING STARTED WITH PYTHON	PPT ON THE TOPIC OF OPERATING SYSTEM AND PYTHON PROGRAMMING	
<b>JUNE</b>	<b>CH-5</b> GETTING STARTED WITH PYTHON(CONT.) <b>CH-6</b> CONCEPT OF DATA TYPES	PRACTICALS ON THE BASIS OF DATA STRUCTURES, PYTHON PROGRAMMING	PT-1 CH 1 ,2 &5

<b>JULY</b>	<b>CH-7</b> OPERATORS AND EXPRESSIONS <b>CH-8</b> PROGRAMMING FUNDAMENTALS IN PYTHON	PRACTICALS ON THE BASIS OF OPERATORS USED IN PROGRAMMING	
<b>AUGUST</b>	<b>CH-9</b> CONDITIONAL STATEMENTS <b>CH-15</b> DIGITAL SOCIETY AND COMPUTER SECURITY	PRACTICALS ON THE BASIS OF ALL THE CONDITION USED IN PYTHON	PT-2 CH – 6, 7 & 8
<b>SEPTEMBER</b>	<b>CH-10</b> ITERATIVE COMPUTATIONS INTERACTIVE CONSTRUCTS THROUGH LOOPS NESTED LOOPS	PRACTICAL OF LOOP	MID TERM CH-1,2,5 TO 9 & 15
<b>OCTOBER</b>	<b>CH-11</b> STRING HANDLING <b>CH-12</b> LISTS	PRACTICAL OF LIST & STRING	
<b>NOVEMBER</b>	<b>CH-16</b> INTELLECTUAL PROPERTY RIGHT, OPEN SOURCE SOFTWARE	DRAW THE FLOW CHART ON THE TOPIC OF PROPERTY RIGHT & E-WASTE MANAGEMENT	PT-3 CH 11 & 12
<b>DECEMBER</b>	<b>CH – 13</b> TUPLES <b>CH- 14</b> DICTIONARIES	PRACTICAL OF TUPLES & DICTIONARIES	
<b>JANUARY</b>	REVISION FOR FINAL EXAMINATION	REVISION FOR FINAL EXAMINATION	
<b>FEBRUARY</b>	<b>FINAL EXAM</b>		FINAL TERM FULL SYLLABUS

### **SUBJECT– APPLIED MATHEMATICS(241)**

<b>MONTHS</b>	<b>UNIT</b>	<b>PRACTICAL/ ACTIVITY</b>	<b>EXAM SYLLABUS</b>
<b>APRIL</b>	UNIT 1:- (PART) NUMBERS AND QUANTIFICATION •SIMPLE APPLICATIONS OF LOGARITHM AND ANTILOGARITHM •LAWS AND PROPERTIES OF LOGARITHMS •INDICES, LOGARITHMS AND ANTILOGARITHMS •BINARY NUMBERS		

<b>JUNE</b>	UNIT1:-(CONTINUED) NUMERICAL APPLICATIONS <ul style="list-style-type: none"> <li>• SEATING ARRANGEMENT</li> <li>• TIME, WORK AND DISTANCE</li> <li>• CALENDAR</li> <li>• CLOCK</li> <li>• AVERAGES</li> </ul>		PT-I UNIT:-1
<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 $2PQ$ , WHERE $N(A) = P$ AND $N(B) = Q$ . *TO REPRESENT SET THEORETIC OPERATIONS USING VENN DIAGRAMS.	
<b>AUGUST</b>	III. MATHEMATICAL REASONING 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
<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		PT-III UNIT:-V,VI
<b>DECEMBER</b>	VIII-COORDINATE GEOMETRY	*TO CONSTRUCT DIFFERENT TYPES OF CONIC SECTIONS.	
<b>JANUARY</b>	REVISION		
<b>FEBRUARY</b>	FINAL EXAM		FULL SYLLABUS