

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



**SYLLABUS
2026 - 27
CLASS - XI C**

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 – POLITICAL SCIENCE

MONTH	TOPICS	ACTIVITY / PRACTICAL	EXAM SYLLABUS
APRIL	PART- A L-1 CONSTITUTION 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.	
JUNE	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.	PT-I PART A- L- 1&2 PART B- L- 1
JULY	PART A L-3 ELECTION AND REPRESENTATION PART B L-2 FREEDOM	DISCUSSION ON SUGGESTIONS FOR ELECTORAL REFORMS IN INDIA. DEBATE: DOES DRESS CODE CURTAIL INDIVIDUAL FREEDOM	
AUGUST	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
SEPTEMBER	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
OCTOBER	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.	

NOVEMBER	PART- A L-7 FEDERALISM L-8 LOCAL GOVERNMENT	GROUP DISCUSSION/ DEBATE: PREVAILING ISSUES IN CENTRE-STATE RELATIONS.MA ACTIVITY RECAPITULATION OF DEFINITIONS TIMELING- DEPICTING THE EMERGENCE OF LOCAL GOVERNMENT. DISCUSSION ARE THE AMENDMENTS IN THE CONSTITUTION AS PER THE NEEDS AND CIRCUMSTANCES. DEBATE: - SHOULD THE JUDICIARY HAVE THE POWER TO DETERMINE THE VALITY OF AMENDMENTS?	PT-3 PART-A- L-6 PART-B L-6
DECEMBER	PART B L-7 NATIONALISM	GROUP INTERACTION:- THE FACTORS THAT HELP IN CREATING THE SENSE OF COLLECTIVE IDENTITY	
JANUARY	PART B L-8 SECULARISM	DISCUSSION AND DEBATE ON INDIAN SECULARISM	
FEBRUARY	REVISION		FINAL EXAM FULL SYLLABUS

SUBJECT – HISTORY

MONTH	TOPICS	ACTIVITY/PRACTICAL	EXAM SYLLABUS
APRIL	INTRODUCTION OF WORLD HISTORY	BRIEFING ABOUT THE EARLY SOCIETIES USE OF TIMELINE	
APRIL	1.WRITING AND CITY LIFE	PREPARE A CHART ON THE FOLLOWING: <ul style="list-style-type: none"> • TOOLS USED BY EARLY HUMANS • SETTLEMENT PATTERNS • CROPS ANIMALS THAT WERE KNOWN TO EARLY HUMANS 	
JUNE & JULY	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

AUGUST	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
SEPTEMBER	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
OCTOBER	5. CHANGING CULTURAL TRADITIONS	DEBATE AND EXPLAIN THE HISTORICAL PHENOMENON OF FEUDALISM.	
NOVEMBER	6. DISPLACING INDIGENOUS PEOPLE	GRAPHIC CHART TO COMPARE THE LIFE OF WOMEN DURING THIS PERIOD.	PT 3 CH- 5
DECEMBER	7. PATHS TO MODERNIZATION	USE OF FACT SHEETS, DEBATES AND GROUP-DISCUSSIONS ON SUCH ISSUES OF DISPLACEMENTS, SUPPORTED WITH MAPS.	
JANUARY	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.	
FEBRUARY	FINAL EXAM		FULL SYLLABUS

SUBJECT- ECONOMICS

MONTH	TOPICS	ACTIVITY/PRACTICAL	EXAM SYLLABUS
APRIL	STATISTICS FOR ECONOMICS INTRODUCTION MICRO ECONOMICS 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	STATISTICS FOR ECONOMICS COLLECTION OF DATA MICRO ECONOMICS 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	PT 1 PART-A (STATISTICS FOR ECO) [CHAPTER 1] PART-B (MICRO ECONOMICS) {CHAPTER-1]
JULY	STATISTICS FOR ECONOMICS ORGANISATION OF DATA: MICRO ECONOMICS 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	STATISTICS FOR ECONOMICS PRESENTATION OF DATA: MEASURES OF CENTRAL TENDENCY MICRO ECONOMICS ELASTICITY OF DEMAND PRODUCTION FUNCTION	PREPARING ASSIGNMENTS ON TABULAR PRESENTATIONS, AND DIAGRAMMATIC PRESENTATIONS USING GRAPHS NUMERICAL QUESTIONS TO BE SOLVED ASSIGNMENT AND WORKSHEET	PT 2 PART-A (STATISTICS FOR ECO) [CHAPTER 2] PART-B (MICRO ECONOMICS) {CHAPTER-2]
SEPTEMBER	STATISTICS FOR ECONOMICS MEASURES OF CENTRAL TENDENCY REVISION MID TERM	ASSIGNMENT BASED ON NUMERICAL QUESTIONS.	MID TERM EXAM PART- A [UNIT-1,2,3] PART -B [UNIT-1,2,3]

OCTOBER	STATISTICS FOR ECONOMICS CORRELATION MICRO ECONOMICS CONCEPT OF COST THEORY OF SUPPLY	CHART MAKING ON KARLPEARSONS COEFFICIENT OF CORRELATION AND SPEARMAN'S RANK CORRELATION USING DIFFERENT FORMULAES. SUPPLY- ACTIVITY "ARE YOU AN ENTREPRENEUR? PREPARE QUESTIONNAIRE, MAKE SURVEY AND SHARE YOUR SUPPLY DECISION WITH PEER.	
NOVEMBER	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.	PT-3 PART-A (UNIT-3- CORRELATION) PART-B (UNIT-3- COST)
DECEMBER	STATISTICS FOR ECONOMICS INDEX NUMBERS MICRO ECONOMICS 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.	

JANUARY	REVISION & PRACTICAL EXAMINATION/FINAL PROJECT SUBMISSION	VIVA VOCE ON PROJECTS	
FEBRUARY	ANNUAL EXAMINATION-2027 [FULL COURSE]		FINAL EXAM FULL SYLLABUS

SUBJECT – PSYCHOLOGY

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

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

		VISUALIZATION.	
DECEMBER	CHAPTER 7- THINKING	<p>PROBLEM-SOLVING ACTIVITY: STUDENTS WILL BE GIVEN SIMPLE PUZZLES OR SITUATIONS AND ASKED TO EXPLAIN THE STEPS THEY USE TO REACH THE SOLUTION.</p> <p>CREATIVE THINKING ACTIVITY: STUDENTS WILL LIST AS MANY POSSIBLE USES OF A COMMON OBJECT (E.G., A PAPER CLIP OR BRICK) TO UNDERSTAND DIVERGENT THINKING.</p> <p>DECISION-MAKING ACTIVITY: STUDENTS WILL ANALYZE A REAL-LIFE SITUATION AND LIST POSSIBLE CHOICES, ADVANTAGES, AND DISADVANTAGES BEFORE MAKING A DECISION.</p>	PT 3 CH- 5,6
JANUARY	CHAPTER 8- MOTIVATION AND EMOTION	<p>SELF-REFLECTION ACTIVITY: STUDENTS WILL WRITE ABOUT THEIR PERSONAL GOALS AND IDENTIFY THE FACTORS THAT MOTIVATE THEM TO ACHIEVE THOSE GOALS.</p> <p>EMOTION OBSERVATION ACTIVITY: STUDENTS WILL OBSERVE DIFFERENT EMOTIONS IN DAILY LIFE SITUATIONS AND RECORD THE CAUSES AND EXPRESSIONS OF THOSE EMOTIONS.</p> <p>ROLE PLAY ACTIVITY: STUDENTS WILL PERFORM SHORT ROLE PLAYS TO DEMONSTRATE DIFFERENT EMOTIONS SUCH AS HAPPINESS, ANGER, FEAR, AND SURPRISE.</p>	
FEBRUARY	FINAL EXAM	REVISION, SAMPLE PAPER PRACTICE	FULL SYLLABUS

SUBJECT- PHYSICAL EDUCATION

MON TH	NAME OF THE CHAPTER	TOPICS	ACTIVITY/ PRACTICAL	EXAM SYLLAB US
	CH1- CHANGING TRENDS AND	•CONCEPT, AIMS & OBJECTIVES OF PHYSICAL EDUCATION	PARTICIPATIO N IN INTER- HOUSE	

	<p>CAREERS IN PHYSICAL EDUCATION</p> <p>CH 2 - OLYMPIC VALUE EDUCATION</p>	<ul style="list-style-type: none"> • DEVELOPMENT OF PHYSICAL EDUCATION IN INDIA – POST INDEPENDENCE • CHANGING TRENDS IN SPORTS- PLAYING SURFACE, WEARABLE GEARS AND SPORTS EQUIPMENT, TECHNOLOGICAL ADVANCEMENTS • CAREER OPTIONS IN PHYSICAL EDUCATION • KHELO-INDIA AND FIT-INDIA PROGRAM • OLYMPISM – CONCEPT AND OLYMPICS VALUES (EXCELLENCE, FRIENDSHIP & RESPECT) • OLYMPIC VALUE EDUCATION – JOY OF EFFORT, FAIR PLAY, RESPECT FOR OTHERS, PURSUIT OF EXCELLENCE, BALANCE AMONG BODY, WILL & MIND • ANCIENT AND MODERN OLYMPICS • OLYMPICS - SYMBOLS, MOTTO, FLAG, OATH, AND ANTHEM • OLYMPIC MOVEMENT STRUCTURE - IOC, NOC, IFS, OTHER MEMBERS 	<p>COMPETITION</p> <p>QUIZ COMPETITION ON OLYMPICS</p>	
JUNE	CHAPTER 3- YOGA	<ul style="list-style-type: none"> • MEANING & IMPORTANCE OF YOGA • INTRODUCTION TO ASHTANGA YOGA • YOGIC KRIYAS (SHAT KARMA) • PRANAYAMA AND ITS TYPES • ACTIVE LIFESTYLE AND STRESS MANAGEMENT THROUGH YOGA 	<p>PERFORMING DIFFERENT ASANAS FOR CONCENTRATION AND RELAXATION</p>	<p>PT 1: CH 1 & 2</p>
JULY	<p>CH 4: PHYSICAL EDUCATION AND SPORTS FOR CHILDREN WITH SPECIAL NEEDS (CWSN)</p>	<ul style="list-style-type: none"> • CONCEPT OF DISABILITY & DISORDER • TYPES OF DISABILITY, ITS CAUSES & NATURE (INTELLECTUAL DISABILITY PHYSICAL DISABILITY) • DISABILITY ETIQUETTES 	<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"> • AIM & OBJECTIVE OF ADAPTIVE PHYSICAL EDUCATION • ROLE OF VARIOUS PROFESSIONALS FOR CHILDREN WITH SPECIAL NEEDS (COUNSELLOR, OCCUPATIONAL THERAPIST, PHYSIOTHERAPIST, PHYSICAL EDUCATION TEACHER, SPEECH THERAPIST & SPECIAL EDUCATOR) • MEANING & IMPORTANCE OF WELLNESS, HEALTH AND PHYSICAL FITNESS. • COMPONENTS/DIMENSIONS OF WELLNESS, HEALTH AND PHYSICAL FITNESS • TRADITIONAL SPORTS AND REGIONAL GAMES FOR PROMOTING WELLNESS. • LEADERSHIP THROUGH PHYSICAL ACTIVITY AND SPORTS • INTRODUCTION OF FIRST AID - PRICE 	CONDUCTING FITNESS TEST: <ul style="list-style-type: none"> • 50 MT SPRINT • SIT UPS • 600 MT • RUN ETC 	
AUG	CH 6: TEST, MEASUREMENT & EVALUATION	<ul style="list-style-type: none"> • DEFINE TEST, MEASUREMENT & EVALUATION • IMPORTANCE OF TEST, MEASUREMENT & EVALUATION IN SPORTS • CLASSIFICATION OF TEST IN PHYSICAL EDUCATION AND SPORTS • TEST ADMINISTRATION GUIDELINES IN PHYSICAL EDUCATION AND SPORTS • BMI, WAIST-HIP RATIO, SKINFOLD MEASURES (3-SITE) 	CONDUCTING BMI AND WHR TEST	PT 2- CH 3 & 4
SEPT	CH 7: FUNDAMENTALS OF ANATOMY,	<ul style="list-style-type: none"> • DEFINITION AND IMPORTANCE OF ANATOMY AND 	EXPLANATION OF SKELETAL SYSTEM WITH	MID TERM:

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

SUBJECT – COMPUTER SCIENCE (083)

<u>MONTH</u>	<u>TOPIC</u>	<u>PRACTICALS</u>	<u>SYLLABUS</u>
APRIL	CH-1 BASIC ORGANIZATION OF COMPUTER SYSTEM CH-2 OPERATING SYSTEM, NUMBER SYSTEM AND ENCODING, BOOLEAN LOGIC AND GATES CH-5 GETTING STARTED WITH PYTHON	PPT ON THE TOPIC OF OPERATING SYSTEM AND PYTHON PROGRAMMING	
JUNE	CH-5 GETTING STARTED WITH PYTHON(CONT.) CH-6 CONCEPT OF DATA TYPES	PRACTICALS ON THE BASIS OF DATA STRUCTURES, PYTHON PROGRAMMING	PT-1 CH 1 ,2 &5
JULY	CH-7 OPERATORS AND EXPRESSIONS CH-8 PROGRAMMING FUNDAMENTALS IN PYTHON	PRACTICALS ON THE BASIS OF OPERATORS USED IN PROGRAMMING	

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

SUBJECT– APPLIED MATHEMATICS(241)

MONTHS	UNIT	PRACTICAL/ ACTIVITY	EXAM SYLLABUS
APRIL	UNIT 1:- (PART) NUMBERS AND QUANTIFICATION •SIMPLE APPLICATIONS OF LOGARITHM AND ANTILOGARITHM •LAWS AND PROPERTIES OF LOGARITHMS •INDICES, LOGARITHMS AND ANTILOGARITHMS •BINARY NUMBERS		
JUNE	UNIT1:-(CONTINUED) NUMERICAL APPLICATIONS • SEATING ARRANGEMENT • TIME, WORK AND DISTANCE • CALENDAR • CLOCK • AVERAGES		PT-I UNIT:-1

JULY	UNIT :-II. ALGEBRA:- <ul style="list-style-type: none"> • SETS • RELATIONS • SEQUENCE AND SERIES • PERMUTATIONS AND COMBINATIONS 	*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.	
AUGUST	III. MATHEMATICAL REASONING UNIT :-IV-CALCULUS		PT-II UNIT:-II (SETS, RELATIONS)
SEPTEMBER	UNIT:-V-PROBABILITY	*TO WRITE THE SAMPLE SPACE, WHEN A DIE IS ROLLED ONCE, TWICE	MIDTERM UNIT-1,2,3,4
OCTOBER	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)	
NOVEMBER	VII-BASICS OF FINANCIAL MATHEMATICS UTILITY BILL, TAXATION, COMPOUND INTEREST AND ANNUITY		PT-III UNIT:-V,VI
DECEMBER	VIII-COORDINATE GEOMETRY	*TO CONSTRUCT DIFFERENT TYPES OF CONIC SECTIONS.	
JANUARY			FULL SYLLABUS
FEBRUARY	FINAL EXAM		FULL SYLLABUS

