



SIR PADAMPAT SINGHANIA EDUCATION CENTRE, KANPUR
ANNUAL SYLLABUS - XII (2020– 2021)

MONTH/ SUBJECT	ENGLISH (CHAPTER NO. + NAME)	MATHS (CHAPTER NO.+ NAME)	PHYSICS (CHAPTER NO. +NAME)	CHEMISTRY (CHAPTER NO.+NAME)
MARCH		—	CLASSES BEGIN FROM 28 MARCH 2020	STARTING: 26 MARCH (ONLINE CLASSES ON ZOOM COMMENCES)
APRIL	LITERATURE : (a) THE LAST LESSON (FLAMINGO) (b) MY MOTHER AT SIXTY SIX (FLAMINGO) WRITING: (a) NOTICE WRITING	1.RELATIONS AND FUNCTIONS(PARTLY) 3.MATRICES 4.DETERMINANTS	ELECTROSTATIC CHARGES AND FIELD ELECTROSTATIC POTENTIAL AND CAPACITANCE	UNIT-10: HALOALKANES AND HALOARENES
MAY	LITERATURE : (a) THE LOST SPRING (FLAMINGO) (b) THE THIRD LEVEL (VISTAS) WRITING : (a) CLASSIFIED ADVERTISEMENTS	1.RELATIONS AND FUNCTIONS 2.INVERSE TRIGONOMETRIC FUNCTIONS	ELECTROSTATIC POTENTIAL AND CAPACITANCE CURRENT ELECTRICITY	UNIT-15: POLYMERS (DELETED) UNIT-16: CHEMISTRY IN EVERYDAY LIFE(DELETED) UNIT-14: BIOMOLECULES(COMPLETED)
JUNE	LITERATURE : (a) THE ENEMY (VISTAS)	5.CONTINUITY AND DIFFERENTIABILITY	MOVING CHARGES AND MAGNETISM	UNIT-6: GENERAL PRINCIPLES AND PROCESSES OF ISOLATION OF ELEMENTS (DELETED) UNIT-7: P-BLOCK
JULY	LITERATURE : (a) THE ENEMY (CONTD) (b) DEEP WATER (FLAMINGO) (c) KEEPING QUIET (FLAMINGO) (d) THE RATTRAP (FLAMINGO) (e) AN ELEMENTARY SCHOOL CLASSROOM IN A SLUM (FLAMINGO) WRITING: (a) INVITATIONS AND REPLIES ASSESSMENT OF SPEAKING &LISTENING SKILLS	6. APPLICATIONS OF DERIVATIVES 7. INTEGRALS	MAGNETISM AND MATTER ELECTROMAGNETIC INDUCTION ALTERNATING CURRENT	UNIT-8: D-AND F- BLOCK UNIT-9: COORDINATION COMPOUNDS
AUGUST	LITERATURE : (a) A THING OF BEAUTY (POEM) (b) ON THE FACE OF IT (VISTAS) (c) SHOULD WIZARD HIT MOMMY? (VISTAS) WRITING: LETTER WRITING LETTERS TO THE EDITOR, APPLICATION FOR A JOB WITH BIO DATA OR RESUME, LETTERS TO THE SCHOOL AUTHORITIES	8.APPLICATIONS OF INTEGRALS 9. DIFFERENTIAL EQUATIONS	ELECTROMAGNETIC WAVES RAY OPTICS WAVE OPTICS	UNIT-4: CHEMICAL KINETICS UNIT-3: ELECTROCHEMISTRY

SEPTEMBER	LITERATURE : (a) INDIGO (FLAMINGO) WRITING : (a) REPORT WRITING- NEWSPAPER, MAGAZINE (b) ARTICLE WRITING	10. VECTORS 11. THREE - DIMENSIONAL GEOMETRY	DUAL NATURE OF MATTER AND RADIATION SEMICONDUCTOR ELECTRONICS: MATERIAL, DEVICES AND SIMPLE CIRCUITS	UNIT-1: SOLID STATE UNIT-: SOLUTIONS UNIT-11: ALCOHOLS , PHENOLS AND ETHERS
OCTOBER	LITERATURE : (a) AUNT JENNIFER'S TIGER (FLAMINGO) (b) EVANS TRIES AN O LEVEL (VISTAS) ASSESSMENT OF SPEAKING & LISTENING SKILLS	12. LINEAR PROGRAMMING 13. PROBABILITY	ATOMS NUCLEI REVISION	UNIT-12: ALDEHYDES , KETONES AND CARBOXYLIC ACIDS UNIT-13: ORGANIC COMPOUNDS CONTAINING NITROGEN (SYLLABUS COMPLETION UPTO 30th OCTOBER)
NOVEMBER	REVISION OF ALL THE TOPICS TAUGHT	REVISION WORK	REVISION	REVISION
DECEMBER	REVISION OF ALL THE TOPICS TAUGHT	REVISION WORK	REVISION BOARD PRACTICAL	REVISION
TEST I	LITERATURE: THE LAST LESSON (FLAMINGO) MY MOTHER AT SIXTY SIX (FLAMINGO) THE THIRD LEVEL (VISTAS)	3. MATRICES 4. DETERMINANTS	ELECTROSTATIC CHARGES AND FIELD ELECTROSTATIC POTENTIAL AND CAPACITANCE CURRENT ELECTRICITY MOVING CHARGES AND MAGNETISM	UNIT-10: HALOALKANES AND HALOARENES UNIT-5: SURFACE CHEMISTRY UNIT-15: N POLYMERS
HALF YEARLY		1. RELATIONS AND FUNCTIONS 2. INVERSE TRIGONOMETRIC FUNCTION 3. MATRICES 4. DETERMINANTS 5. CONTINUITY AND DIFFERENTIABILITY 6. APPLICATIONS OF DERIVATIVES 7. INTEGRALS 8. APPLICATIONS OF INTEGRALS 9. DIFFERENTIAL EQUATIONS	ELECTROSTATIC CHARGES AND FIELD ELECTROSTATIC POTENTIAL AND CAPACITANCE CURRENT ELECTRICITY MOVING CHARGES AND MAGNETISM MAGNETISM AND MATTER ELECTROMAGNETIC INDUCTION ALTERNATING CURRENT	UNIT-5: SURFACE CHEMISTRY UNIT-10: HALOALKANES AND HALOARENES UNIT-14: BIOMOLECULES UNIT-7: P-BLOCK UNIT-8: D- AND F- BLOCK ELEMENTS UNIT-9: COORDINATION COMPOUNDS UNIT-4: CHEMICAL KINETICS UNIT-3: ELECTROCHEMISTRY UNIT-1: SOLID STATE UNIT-2: SOLUTIONS UNIT-11: ALCOHOLS , PHENOLS AND ETHERS
TEST 2	LITERATURE: THE LOST SPRING (FLAMINGO) DEEP WATER (FLAMINGO) KEEPING QUIET (FLAMINGO) AN ELEMENTARY SCHOOL CLASSROOM IN A SLUM (FLAMINGO) THE ENEMY (VISTAS)	2. INVERSE TRIGONOMETRIC FUNCTIONS 3. MATRICES 4. DETERMINANTS	ELECTROMAGNETIC WAVES RAY OPTICS WAVE OPTICS	UNIT-10: HALOALKANES AND HALOARENES UNIT-5: SURFACE CHEMISTRY UNIT-14: BIOMOLECULES
PREBOARD-1		1. RELATIONS AND FUNCTIONS 2. INVERSE TRIGONOMETRIC FUNCTIONS 3. MATRICES 4. DETERMINANTS 5. CONTINUITY AND DIFFERENTIABILITY 6. APPLICATIONS OF DERIVATIVES 7. INTEGRALS 8. APPLICATIONS OF INTEGRALS 9. DIFFERENTIAL EQUATIONS 10. VECTORS 11. THREE-DIMENSIONAL GEOMETRY 12. LINEAR PROGRAMMING 13. PROBABILITY	WHOLE SYLLABUS	FULL SYLLABUS (AS PER 2020-2021 RECOMMENDED BY CBSE)
ANNUAL/ PREBOARD 2	ENTIRE SYLLABUS COVERED IN THE SESSION	SAME AS PRE-BOARD 1	WHOLE SYLLABUS	FULL SYLLABUS (AS PER 2020-2021 RECOMMENDED BY CBSE)

<p style="text-align: center;">DELETED SYLLABUS</p>	<p>READING: NOTE MAKING & SUMMARY</p> <p>WRITING: LETTER WRITING (BUSINESS/ OFFICIAL LETTERS[MAKING ENQUIRIES, ASKING FOR & GIVING INFORMATION, SENDING REPLIES), POSTER MAKING, SPEECH AND DEBATE</p> <p>LITERATURE (FLAMINGO) – A ROADSIDE STAND, THE INTERVIEW, GOING PLACES AND POETS AND PANCAKES</p> <p>LITERATURE: (VISTAS) – THE TIGER KING, JOURNEY TO THE END OF THE EARTH AND MEMORIES OF CHILDHOOD</p>	<p>1.RELATIONS AND FUNCTIONS:- COMPOSITE FUNCTIONS ,INVERSE OF A FUNCTION</p> <p>2.INVERSE TRIGONOMETRIC FUNCTIONS: GRAPHS , ELEMENTARY PROPERTIES</p> <p>3.MATRICES : EXISTENCE OF NON ZERO MATRICES WHOSE PRODUCT IS ZERO MATRIX , E..R..T , E.C..T AND PROOF OF UNIQUENESS OF INVERSE IF IT EXISTS .</p> <p>4.DETERMINANTS: PROPERTIES , CONSISTENCY ,INCONSISTENCY AND NUMBER OF SOLUTIONS OF SYSTEM OF LINEAR EQUATIONS BY EXAMPLE.</p> <p>5.CONTINUITY AND DIFFERENTIABILITY : ROLLE'S AND LAGRANGE'S MEAN VALUE THEOREMS(WITHOUT PROOF)AND THEIR GEOMETRIC INTERPRETATION.</p> <p>6.APPLICATION OF DERIVATIVES : RATE OF CHANGE OF BODIES, USE OF DERIVATIVES IN APPROXIMATIONS</p> <p>7.INTEGRALS:</p> $\int \sqrt{ax^2 + bx + c} dx$ $\int (ax + b)\sqrt{ax^2 + bx + c} dx$ <p>DEFINITE INTEGRALS AS A LIMIT OF SUM</p> <p>8. APPLICATION OF INTEGRALS: AREA BETWEEN ANY OF THE TWO ABOVE SAID CURVES</p> <p>9. DIFFERENTIAL EQUATIONS: FORMATION OF DIFFERENTIAL EQUATION WHOSE GENERAL SOLUTION IS</p> <p>GIVEN , SOLUTIONS OF LINEAR DIFFERENTIAL EQUATION OF TYPE dx/dy + PX = Q WHERE P AND Q ARE FUNCTIONS OF Y OR CONSTANTS</p> <p>10.VECTORS: SCALAR TRIPLE PRODUCT OF VECTORS.</p> <p>11. THREE DIMENSIONAL GEOMETRY : ANGLE BETWEEN TWO LINES ,TWO PLANES, A LINE AND A PLANE.</p> <p>12.LINEAR PROGRAMMING :MATHEMATICAL FORMULATION OF LP PROBLEMS (UNBOUNDED)</p> <p>13.PROBABILTY: MEAN AND VARIANCE OF RANDOM VARIABLE, BINOMIAL, PROBABILITY DISTRIBUTION.</p>	<p>CHAPTER-1 ELECTRIC CHARGES AND FIELDSUNIFORMLY CHARGED THIN SPHERICAL SHELL (FIELD INSIDE AND OUTSIDE).</p> <p>CHAPTER-3 CURRENT ELECTRICITY CARBON RESISTORS, COLOUR CODE FOR CARBON RESISTORS; SERIES AND PARALLEL COMBINATIONS OF RESISTORS</p> <p>CHAPTER-4 MOVING CHARGES AND MAGNETISM CYCLOTRON</p> <p>CHAPTER-5 MAGNETISM AND MATTER MAGNETIC FIELD INTENSITY DUE TO A MAGNETIC DIPOLE (BAR MAGNET) ALONG ITS AXIS AND PERPENDICULAR TO ITS AXIS, TORQUE ON A MAGNETIC DIPOLE (BAR MAGNET) IN A UNIFORM MAGNETIC FIELD; PARA-, DIA- AND FERRO - MAGNETIC SUBSTANCES, WITH EXAMPLES. ELECTROMAGNETS AND FACTORS AFFECTING THEIR STRENGTHS, PERMANENT MAGNETS.</p> <p>CHAPTER-7 ALTERNATING CURRENT POWER FACTOR, WATTLESS CURRENT.</p> <p>CHAPTER-8 ELECTROMAGNETIC WAVESBASIC IDEA OF DISPLACEMENT CURRENT,</p> <p>CHAPTER 9 RAY OPTICS AND OPTICAL INSTRUMENTS REFLECTION OF LIGHT, SPHERICAL MIRRORS,(RECAPITULATION) MIRROR FORMULA , SCATTERING OF LIGHT - BLUE COLOUR OF SKY AND REDDISH APPEARANCE OF THE SUN AT SUNRISE AND SUNSET. RESOLVING POWER OF MICROSCOPE AND ASTRONOMICAL TELESCOPE, POLARISATION, PLANE POLARISED LIGHT, BREWSTER'S LAW, USES OF PLANE POLARISED LIGHT AND POLARIDS.</p> <p>CHAPTER-11 DUAL NATURE OF RADIATION AND MATTER DAVISSON-GERMER EXPERIMENT PRACTICALS: NO INVESTIGATORY PROJECT AND ACTIVITY TO BE DEMONSTRATED 8 EXPERIMENTS (CLUBBED BASED ON SKILLS) IN PLACE OF 12</p>	<p>SOLID STATE—ELECTRICAL AND MAGNETIC PROPERTIES. BAND THEORY OF METALS, CONDUCTORS, SEMICONDUCTORS AND INSULATORS AND N AND P TYPE SEMICONDUCTORS.</p> <p>SOLUTIONS—ABNORMAL MOLECULAR MASS , VAN'T HOFF FACTOR.</p> <p>ELECTROCHEMISTRY—LEAD ACCUMULATOR, FUEL CELL, CORROSION,LAW OF ELECTROLYSIS,DRY CELL,ELECTROLYTIC CELL AND GALVANIC CELLS.</p> <p>CHEMICAL KINETICS—CONCEPTS OF COLLISION THORY ACTIVATION ENERGY, ARRHENIUS EQUATION.</p> <p>SURFACE CHEMISTRY— EMULSIONS-TYPE OF EMULSIONS, CATALYSIST, HOMOGENEOUS AND HETEROGENEOUS, ACTIVITY AND SELECTIVITY OF SOLID CATALYST, ENZYME CATALYSIST.</p> <p>GENERAL PRINCIPLES ANDD PROCESSES OF ISOLATION OF ELEMENTS—ENTIRE UNIT</p> <p>P-BLOCK ELEMENT—PREPARATION AND PROPERTIES OF PHOSPHINE, SULPHURIC ACID(INDUSTRIAL PROCESS OF MANUFACTURE), OXIDES OF NITROGEN (STRUCTURE ONLY), PHOSPHORUS ALLOTROPIC FORMS, COMPOUNDS OF PHOSPHORUS, PREPARATION AND PROPERTIES OF HALIDES AND OXOACIDS.</p> <p>D- AND F- BLOCK ELEMENTS— CHEMICAL REACTIVITY OF LANTHANIDS, ACTINIDS-ELECTRONIC CONFIGURATION, OXIDATION STATE AND COMPARASION WITH LANTHANIDS. PREPARATION AND PROPERTIES OF KMNO4 AND K2CR2O7</p> <p>COORDINATION COMPOUNDS— STRUCTURE AND STEREOISOMERISM, IMPORTANCE OF COORDINATION COMPOUNDS(INQUALITATIVE ANALYSIS, EXTRACTION OF METALS AND BIOLOGICAL SYSTEMS)</p> <p>HALOALKANES AND HALOARENES—USES AND ENVIRONMENTAL EFFECT OF- DICHLOROMETHANE, TRICHLOROMETHANE, TETRACHLOROMETHANE, IODOFORM, FREOND,DDT</p>
--	--	---	---	---

				<p>ALCOHOL, PHENOL AND ETHERS— USES WITH SPECIAL REFERENCE TO METHANOL AND ETHANOL</p> <p>ALDEHYDES, KETON AND CARBOXYLIC ACIDS—</p> <p>AMINES—DIAZONIUM SALTS, PREPARATION, CHEMICAL REACTIONS AND IMPORTANCE IN SYNTHETIC ORGANIC CHEMISTRY.</p> <p>BIOMOLECULES— OLIGOSACCHARIDES(SUCROSE, LACTOSE, MALTOSE), POLYSACCHARIDES(STARCH, CELLULOSE, GLYCOGEN), IMPORTANCE, VITAMINS, ENZYMES, HORMONES.</p> <p>POLYMERS—ENTIRE CHAPTER.</p> <p>CHEMISTRY IN EVERYDAY LIFE— ENTIRE CHAPTER.</p>
--	--	--	--	--

MONTH/ SUBJECT	BIOLOGY (CHAPTER NO. + NAME)	ACCOUNTANCY (CHAPTER NO.+ NAME)	BUSINESS STUDIES (CHAPTER NO. +NAME)	ECONOMICS (CHAPTER NO.+NAME)
MARCH		ACCOUNTING FOR PARTNERSHIP FIRMS – FUNDAMENTALS (CONTD.)	NATURE AND SIGNIFICANCE OF MANAGEMENT	
APRIL	1-HUMAN HEALTH AND DISEASE 2-MICROBES IN HUMAN WELFARE	ACCOUNTING FOR PARTNERSHIP FIRMS – FUNDAMENTALS GOODWILL – NATURE AND VALUATION	NATURE AND SIGNIFICANCE OF MANAGEMENT PRINCIPLES OF MANAGEMENT	UNIT 1: NATIONAL INCOME AND RELATED AGGREGATES: TOPICS: INTRODUCTION TO MACROECONOMICS SOME BASIC CONCEPTS OF MACROECONOMICS UNIT 2 : MONEY AND BANKING TOPICS: MONEY
MAY	1-ORGANISM AND POPULATION 2-ECOSYSTEM 3-BIODIVERSITY 4-ENVIRONMENTAL ISSUES	CHANGE IN PROFIT SHARING RATIO AMONG THE EXISTING PARTNERS ADMISSION OF A PARTNER (CONTD.)	BUSINESS ENVIRONMENT PLANNING	UNIT 4- GOVERNMENT BUDGET AND THE ECONOMY UNIT 7 – CURRENT CHALLENGES FACING INDIAN ECONOMY TOPICS: POVERTY HUMAN CAPITAL FORMATION IN INDIA RURAL DEVELOPMENT INFRASTRUCTURE ENVIRONMENT AND SUSTAINABLE DEVELOPMENT
JUNE	1-ENVIRONMENTAL ISSUES	ADMISSION OF A PARTNER	ORGANISING	UNIT 8 : DEVELOPMENT EXPERIENCE OF INDIA TOPICS: A COMPARISON WITH NEIGHBOURS UNIT 1 : NATIONAL INCOME AND RELATED AGGREGATES TOPICS: NATIONAL INCOME AND RELATED AGGREGATES
JULY	1 REPRODUCTION IN ORGANISM 2SEXUAL REPRODUCTION IN FLOWERING PLANTS 3 PRINCIPAL OF INHERITANCE AND VARIATION 4 MOLECULAR BASIS OF INHERITANCE 5 ORGANIC EVOLUTION	RETIREMENT OF A PARTNER DEATH OF A PARTNER DISSOLUTION OF A PARTNERSHIP FIRM	STAFFING DIRECTING	UNIT 1 : NATIONAL INCOME AND RELATED AGGREGATES TOPICS : NATIONAL INCOME AND RELATED AGGREGATES METHODS OF CALCULATING NATIONAL INCOME UNIT 2 : MONEY AND BANKING TOPICS : BANKING UNIT 5 : BALANCE OF PAYMENT TOPIC: FOREIGN EXCHANGE RATE BALANCE OF PAYMENT
AUGUST	1 BIOTECHNOLOGY 1 2 BIOTECHNOLOGY 2	FINANCIAL STATEMENTS OF NOT-FOR PROFIT ORGANISATIONS COMPANY ACCOUNTS – ACCOUNTING FOR SHARE CAPITAL	CONTROLLING MARKETING	UNIT 6 : DEVELOPMENT EXPERIENCE AND ECONOMIC REFORMS SINCE 1991 TOPICS: INDIAN ECONOMY ON THE EVE OF INDEPENDENCE FIVE YEAR PLANS IN INDIA UNIT 3 : DETERMINATION OF INCOME AND EMPLOYMENT TOPIC: AGGREGATE DEMAND, AGGREGATE SUPPLY AND RELATED CONCEPTS
SEPTEMBER	1- HUMAN REPRODUCTION 2- REPRODUCTIVE HEALTH	COMPANY ACCOUNTS – ISSUE OF DEBENTURES FINANCIAL STATEMENT OF COMPANY FINANCIAL STATEMENT ANALYSIS	CONSUMER PROTECTION	UNIT 3 : DETERMINATION OF INCOME AND EMPLOYMENT TOPICS: SHORT RUN EQUILIBRIUM OUTPUT PROBLEM OF DEFICIENT DEMAND AND EXCESS DEMAND

				UNIT 6 : DEVELOPMENT EXPERIENCE AND ECONOMIC REFORMS SINCE 1991 TOPICS: FEATURES, PROBLEMS AND POLICIES OF AGRICULTURE
OCTOBER	1- STRATEGIES FOR ENHANCEMENT IN FOOD PRODUCTION	TOOLS OF FINANCIAL STATEMENT ANALYSIS –COMPARATIVE STATEMENTS AND COMMON SIZE STATEMENT ACCOUNTING RATIOS CASH FLOW STATEMENT	FINANCIAL MANAGEMENT FINANCIAL MARKET	UNIT 6 : DEVELOPMENT EXPERIENCE AND ECONOMIC REFORMS SINCE 1991 TOPICS: STRATEGY OF INDUSTRIAL GROWTH INDIA'S FOREIGN TRADE UNIT 7 – CURRENT CHALLENGES FACING INDIAN ECONOMY TOPICS : ECONOMIC REFORMS SINCE 1991
NOVEMBER		REVISION	REVISION	REVISION
DECEMBER		REVISION	REVISION	REVISION
TEST I		PARTNERSHIP – FUNDAMENTALS VALUATION OF GOODWILL	NATURE AND SIGNIFICANCE OF MANAGEMENT PRINCIPLES OF MANAGEMENT	ECONOMICS SYLLABUS FOR TEST -1 1.INTRODUCTION TO MACROECONOMICS 2.SOME BASIC CONCEPTS OF MACROECONOMICS 3.MONEY 4.GOVERNMENT BUDGET
HALF YEARLY		PARTNERSHIP – FUNDAMENTALS VALUATION OF GOODWILL CHANGE IN PROFIT SHARING RATIO ADMISSION OF A PARTNER	NATURE AND SIGNIFICANCE OF MANAGEMENT PRINCIPLES OF MANAGEMENT BUSINESS ENVIRONMENT PLANNING ORGANISING	UNIT 1 NATIONAL INCOME AND RELATED AGGREGATES UNIT 2 MONEY AND BANKING UNIT 4 BUDGET AND THE ECONOMY UNIT 5 BALANCE OF PAYMENTS UNIT 7 CURRENT CHALLENGES FACING INDIAN ECONOMY (EXCLUDING ECONOMIC REFORMS SINCE 1991) UNIT 8 DEVELOPMENT EXPERIENCE OF INDIA – A COMPARISON WITH NEIGHBOURS
TEST 2		ACCOUNTING FOR PARTNERSHIP FIRMS – FUNDAMENTALS GOODWILL – NATURE AND VALUATION CHANGE IN PROFIT SHARING RATIO AMONG THE EXISTING PARTNERS ADMISSION OF A PARTNER RETIREMENT OF A PARTNER DEATH OF A PARTNER DISSOLUTION OF A PARTNERSHIP FIRM FINANCIAL STATEMENTS OF NOT-FOR PROFIT ORGANISATIONS COMPANY ACCOUNTS – ACCOUNTING FOR SHARE CAPITAL COMPANY ACCOUNTS – ISSUE OF DEBENTURES	NATURE AND SIGNIFICANCE OF MANAGEMENT PRINCIPLES OF MANAGEMENT BUSINESS ENVIRONMENT PLANNING ORGANISING STAFFING DIRECTING CONTROLLING MARKETING	SYLLABUS : MACROECONOMICS 1. SOME BASIC CONCEPTS OF MACROECONOMICS 2. NATIONAL INCOME AND RELATED AGGREGATES 3. METHODS OF CALCULATING NATIONAL INCOME INDIAN ECONOMIC DEVELOPMENT 1. POVERTY 2. HUMAN CAPITAL FORMATION IN INDIA 3. RURAL DEVELOPMENT
PREBOARD-1		ACCOUNTING FOR PARTNERSHIP FIRMS – FUNDAMENTALS GOODWILL – NATURE AND VALUATION, CHANGE IN PROFIT SHARING RATIO, AMONG THE EXISTING PARTNERS ADMISSION OF A PARTNER, RETIREMENT OF A PARTNER, DEATH OF A PARTNER, DISSOLUTION OF A PARTNERSHIP FIRM, FINANCIAL STATEMENTS	NATURE AND SIGNIFICANCE OF MANAGEMENT PRINCIPLES OF MANAGEMENT BUSINESS ENVIRONMENT PLANNING ORGANISING STAFFING DIRECTING CONTROLLING	WHOLE SYLLABUS

		OF NOT-FOR PROFIT ORGANISATIONS, COMPANY ACCOUNTS ACCOUNTING FOR SHARE CAPITAL, COMPANY ACCOUNTS – ISSUE OF DEBENTURES , FINANCIAL STATEMENT OF A COMPANY, FINANCIAL STATEMENT ANALYSIS TOOLS OF FINANCIAL STATEMENT, ANALYSIS COMPARATIVE STATEMENTS AND COMMON SIZE STATEMENT, ACCOUNTING RATIOS, CASH FLOW STATEMENT, ACCOUNTING FOR PARTNERSHIP FIRMS	MARKETING FINANCIAL MANAGEMENT FINANCIAL MARKET CONSUMER PROTECTION	
ANNUAL/ PREBOARD 2		FUNDAMENTALS GOODWILL – NATURE AND VALUATION CHANGE IN PROFIT SHARING RATIO AMONG THE EXISTING PARTNERS , ADMISSION OF A PARTNER, RETIREMENT OF A PARTNER , DEATH OF A PARTNER, DISSOLUTION OF A PARTNERSHIP FIRM, FINANCIAL STATEMENTS OF NOT-FOR-PROFIT ORGANISATIONS, COMPANY ACCOUNTS – ACCOUNTING FOR SHARE, CAPITAL, COMPANY ACCOUNTS – ISSUE OF DEBENTURES, FINANCIAL STATEMENT OF A COMPANY FINANCIAL STATEMENT ANALYSIS, TOOLS OF FINANCIAL STATEMENT ANALYSIS COMPARATIVE STATEMENTS AND COMMON SIZE STATEMENT, ACCOUNTING RATIOS CASH FLOW STATEMENT	NATURE AND SIGNIFICANCE OF MANAGEMENT PRINCIPLES OF MANAGEMENT BUSINESS ENVIRONMENT PLANNING ORGANISING STAFFING DIRECTING CONTROLLING MARKETING FINANCIAL MANAGEMENT FINANCIAL MARKET CONSUMER PROTECTION	WHOLE SYLLABUS
DELETED SYLLABUS	<ul style="list-style-type: none"> • UNDER UNIT UNIT-VI REPRODUCTION CHAPTER-1: REPRODUCTION IN ORGANISM • REPRODUCTION, A CHARACTERISTIC FEATURE OF ALL ORGANISMS FOR CONTINUATION OF SPECIES; MODES OF REPRODUCTION - ASEYUAL AND SEXUAL REPRODUCTION; ASEYUAL REPRODUCTION - BINARY FISSION, SPORULATION, BUDDING, GEMMULE FORMATION, FRAGMENTATION; VEGETATIVE PROPAGATION IN PLANTS. • UNDER UNIT-VII GENETICS AND EVOLUTION CHAPTER-7: EVOLUTION • ORIGIN OF LIFE; BIOLOGICAL EVOLUTION AND EVIDENCES FOR BIOLOGICAL EVOLUTION (PALEONTOLOGY, COMPARATIVE ANATOMY, EMBRYOLOGY AND MOLECULAR EVIDENCES); DARWIN'S CONTRIBUTION, MODERN SYNTHETIC THEORY OF EVOLUTION; MECHANISM OF EVOLUTION - VARIATION (MUTATION AND RECOMBINATION) AND NATURAL SELECTION WITH EXAMPLES, 	RETIREMENT OF A PARTNER – ADJUSTMENT OF CAPITAL, RETIRING PARTNER'S LOAN ACCOUNT DEATH OF A PARTNER – DECEASED PARTNER'S EXECUTOR ACCOUNT REDEMPTION OF DEBENTURES – METHODS OF REDEMPTION BY LUMP SUM METHOD AND BY DRAW OF LOTS METHOD PROJECT WORK – COMPREHENSIVE PROJECT AND ONE SPECIFIC PROJECT	BUSINESS ENVIRONMENT – DEMONETIZATION, ECONOMIC ENVIRONMENT IN INDIA, IMPACT OF GOVERNMENT POLICY CHANGES ON BUSINESS AND INDUSTRY PLANNING – TYPES OF PLANS STAFFING – STAFFING AS PART OF HUMAN RESOURCE MANAGEMENT CONTROLLING – RELATIONSHIP BETWEEN PLANNING AND CONTROLLING MARKETING – CHANNELS OF DISTRIBUTION , COMPONENTS OF PHYSICAL DISTRIBUTION AND FACTORS AFFECTING PHYSICAL DISTRIBUTION CONSUMER PROTECTION – IMPORTANCE OF CONSUMER PROTECTION ROLE OF CONSUMER ORGAISATIONS AND NGO'S	PART A: INTRODUCTORY MACROECONOMICS UNIT 2: MONEY AND BANKING TOPIC: CONTROL OF CREDIT THROUGH BANK RATE, CRR, SLR, REPO RATE AND REVERSE REPO RATE, OPEN MARKET OPERATIONS, MARGIN REQUIREMENT. UNIT 5: BALANCE OF PAYMENTS TOPIC: BALANCE OF PAYMENTS DEFICIT-MEANING. DETERMINATION OF EXCHANGE RATE IN A FREE MARKET. PART B: INDIAN ECONOMIC DEVELOPMENT UNIT UNIT 7: CURRENT CHALLENGES FACING INDIAN ECONOMY TOPIC: GROWTH OF EDUCATION SECTOR IN INDIA ALTERNATIVE FARMING - ORGANIC FARMING INFRASTRUCTURE: ENERGY

	<p>TYPES OF NATURAL SELECTION; GENE FLOW AND GENETIC DRIFT; HARDY – WEINBERG’S PRINCIPLE; ADAPTIVE RADIATION; HUMAN EVOLUTION.</p> <ul style="list-style-type: none"> • UNDER UNIT-VIII BIOLOGY AND HUMAN WELFARE CHAPTER 9: STRATEGIES FOR ENHANCEMENT IN FOOD PRODUCTION • ANIMAL HUSBANDRY, PLANT BREEDING, TISSUE CULTURE, SINGLE CELL PROTEIN. • UNDER UNIT-X ECOLOGY AND ENVIRONMENT CHAPTER-14: ECOSYSTEM • ECOSYSTEMS: PATTERNS, COMPONENTS; PRODUCTIVITY AND DECOMPOSITION; ENERGY FLOW; PYRAMIDS OF NUMBER, BIOMASS, ENERGY; NUTRIENT CYCLES (CARBON AND PHOSPHOROUS); ECOLOGICAL SUCCESSION; ECOLOGICAL SERVICES - CARBON FIXATION, POLLINATION, SEED DISPERSAL, OXYGEN RELEASE (IN BRIEF). CHAPTER 16: ENVIRONMENTAL ISSUES • AIR POLLUTION AND ITS CONTROL; WATER POLLUTION AND ITS CONTROL; AGROCHEMICALS AND THEIR EFFECTS; SOLID WASTE MANAGEMENT; RADIOACTIVE WASTE MANAGEMENT; GREENHOUSE EFFECT AND CLIMATE CHANGE IMPACT AND MITIGATION; OZONE LAYER DEPLETION; DEFORESTATION; EXEMPLIFYING CASE STUDY AS SUCCESS STORY ADDRESSING ENVIRONMENTAL ISSUE(S). 			
--	---	--	--	--



SIR PADAMPAT SINGHANIA EDUCATION CENTRE, KAMLA NAGAR, KANPUR

ANNUAL SYLLABUS - XII (2020– 2021)

MONTH/ SUBJECT	HISTORY (CHAPTER NO. + NAME)	SOCIOLOGY (CHAPTER NO.+ NAME)	POLITICAL SCIENCE (CHAPTER NO. +NAME)	INFORMATICS PRACTICES (CHAPTER NO.+NAME)
---------------------------	---	--	--	---

MARCH		—————	UNIT 1- COLD WAR AND NON ALIGNED MOVEMENT	INTRODUCTION TO NUMPY.
APRIL		1. INTRODUCING INDIAN SOCIETY (NON EVALUATIVE) 2. THE DEMOGRAPHIC STRUCTURE OF THE INDIAN SOCIETY	UNIT 1- COLD WAR AND NON ALIGNED MOVEMENT UNIT 2- THE END OF BIPOLARITY	NUMPY CONTINUED -1D AND 2D ARRAY, SLICES, JOIN AND SUBSETS.ARITHMETIC OPERATIONS ON 2D ARRAY.COVARIANCE AND CORRELATION
MAY		3. SOCIAL INSTITUTIONS CONTINUITY AND CHANGE NOTES AND EXTRA QUESTIONS TO BE GIVEN 4. THE MARKET AS A SOCIAL INSTITUTION (DELETED)	UNIT 3- NEW CENTRES OF POWER UNIT 4- SOUTH ASIA & CONTEMPORARY WORLD	INTRODUCTION TO COMPUTER NETWORKS, INTRODUCTION TO DATABASE QUERY(PARTIALLY)- THE UNIT HAS BEEN DELETED
JUNE		5. PATTERN'S OF SOCIAL INEQUALITY AND EXCLUSION	UNIT 5- UNITED NATIONS & ITS ORGANISATIONS	INTRODUCTION TO DATABASE QUERY(CONTINUED)- THE UNIT HAS BEEN DELETED
JULY		6. THE CHALLENGES OF CULTURAL DIVERSITY 7. STRUCTURAL CHANGE	UNIT 6- SECURITY IN CONTEMPORARY WORLD (DELETED) UNIT 8- GLOBALISATION UNIT 9- CHALLENGES OF NATION BUILDING	DATA HANDLING USING PANDAS-I DATA STRUCTURES IN PANDAS- SERIES AND DATAFRAMES SERIES CREATION FROM NDARRAY,DICTIONARY,SCALAR VALUE,MATHEMATICAL OPERATIONS PROGRAMS ON SERIES
AUGUST		8. CULTURAL CHANGE 9. CHANGE AND DEVELOPMENT IN RURAL SOCIETY	UNIT 10- PLANNING & DEVELOPMENT UNIT 11- INDIA'S FOREIGN POLICY	DATAFRAME CREATION USING SERIES,LIST DICTIONARY , PROGRAMS ON DATAFRAMES
SEPTEMBER		10. CHANGE AND DEVELOPMENT IN INDUSTRIAL SOCIETY	UNIT 12- PARTIES & THE PARTY SYSTEMS IN INDIA UNIT 13- DEMOCRATIC RESURGENCE	SOCIETAL IMPACTS DIGITAL FOOTPRINT ,COMMUNICATION ETTIQUETES ,IPR PLAGIARISM,CYBER LAW,CYBER CRIME
OCTOBER		11. SOCIAL MOVEMENTS	UNIT 16- INDIAN POLITICS : TRENDS AND DEVELOPMENTS	E-WASTE , HAZARDS AND MANAGEMENT HACKING ,PHISING PYTHON PROGRAMMING
NOVEMBER		REVISION	REVISION	REVISION
DECEMBER		REVISION	REVISION	REVISION
TEST I		THE DEMOGRAPHIC STRUCTURE OF INDIAN SOCIETY 2. SOCIAL INSTITUTIONS:CONTINUITY AND CHANGE 3. THE MARKET AS A SOCIAL INSTITUTION	1- COLD WAR AND NON ALIGNED MOVEMENT 2- THE END OF BIPOLARITY 3- NEW CENTRES OF POWER 4- SOUTH ASIA & CONTEMPORARY WORLD	NUMPY
HALF YEARLY		THE DEMOGRAPHIC STRUCTURE OF INDIAN SOCIETY SOCIAL INSTITUTIONS CONTINUITY AND CHANGE PATTERNS OF SOCIAL INEQUALITY AND EXCLUSION CHALLENGES OF CULTURAL DIVERSITY STRUCTURAL CHANGE	1- COLD WAR AND NON ALIGNED MOVEMENT 2- THE END OF BIPOLARITY 3- NEW CENTRES OF POWER 4- SOUTH ASIA & CONTEMPORARY WORLD 5- UNITED NATIONS & ITS ORGANISATIONS 9- CHALLENGES OF NATION BUILDING	PYTHON PROGRAMMING CONCEPTS- CLASS XI DATA HANDLING USING PANDAS-I NETWORKING
TEST 2		CULTURAL CHANGE CHANGE AND DEVELOPMENT IN RURAL SOCIETY	8- GLOBALISATION 10- PLANNING & DEVELOPMENT 11- INDIA'S FOREIGN POLICY	DATA HANDLING USING PANDAS-I NETWORKING

PREBOARD-1		<p>THE DEMOGRAPHIC STRUCTURE OF THE INDIAN SOCIETY SOCIAL INSTITUTION CONTINUITY AND CHANGE PATTERNS OF SOCIAL INEQUALITY AND EXCLUSION THE CHALLENGES OF CULTURAL DIVERSITY STRUCTURAL CHANGE CULTURAL CHANGE CHANGE AND DEVELOPMENT IN RURAL SOCIETY CHANGE AND DEVELOPMENT IN INDUSTRIAL SOCIETY SOCIAL MOVEMENTS</p>	<p>1- COLD WAR AND NON ALIGNED MOVEMENT 2- THE END OF BIPOLARITY 3- NEW CENTRES OF POWER 4- SOUTH ASIA & CONTEMPORARY WORLD 5- UNITED NATIONS & ITS ORGANISATIONS 8- GLOBALISATION 9- CHALLENGES OF NATION BUILDING 10- PLANNING & DEVELOPMENT 11- INDIA'S FOREIGN POLICY 12- PARTIES & THE PARTY SYSTEMS IN INDIA 13- DEMOCRATIC RESURGENCE 16- INDIAN POLITICS : TRENDS AND DEVELOPMENTS</p>	FULL SYLLABUS
ANNUAL/ PREBOARD 2		<p>THE DEMOGRAPHIC STRUCTURE OF THE INDIAN SOCIETY SOCIAL INSTITUTION CONTINUITY AND CHANGE PATTERNS OF SOCIAL INEQUALITY AND EXCLUSION THE CHALLENGES OF CULTURAL DIVERSITY STRUCTURAL CHANGE CULTURAL CHANGE CHANGE AND DEVELOPMENT IN RURAL SOCIETY CHANGE AND DEVELOPMENT IN INDUSTRIAL SOCIETY SOCIAL MOVEMENTS</p>	<p>1- COLD WAR AND NON ALIGNED MOVEMENT 2- THE END OF BIPOLARITY 3- NEW CENTRES OF POWER 4- SOUTH ASIA & CONTEMPORARY WORLD 5- UNITED NATIONS & ITS ORGANISATIONS 8- GLOBALISATION 9- CHALLENGES OF NATION BUILDING 10- PLANNING & DEVELOPMENT 11- INDIA'S FOREIGN POLICY 12- PARTIES & THE PARTY SYSTEMS IN INDIA 13- DEMOCRATIC RESURGENCE 16-INDIAN POLITICS : TRENDS AND DEVELOPMENTS</p>	<p>DATA HANDLING USING PANDAS-II DATABASE QUERY USING SQL</p>
DELETED SYLLABUS		<p>1. THE MARKET AS A SOCIAL INSTITUTION 2. THE STORY OF INDIAN DEMOCRACY 3. GLOBALISATION AND SOCIAL CHANGE 4. MASS MEDIA AND COMMUNICATION</p>	<p>BOOK 1- UNIT 6 & 7 BOOK 2- PARTS OF UNIT 10 &11 UNIT 14 &15</p>	INTRODUCTION TO NUMPY.



SIR PADAMPAT SINGHANIA EDUCATION CENTRE, KANPUR
ANNUAL SYLLABUS - XII (2020– 2021)

MONTH/ SUBJECT	HINDI (CHAPTER NO. + NAME)	BIOTECHNOLOGY (CHAPTER NO.+ NAME)	KATHAK (CHAPTER NO. +NAME)	VOCAL MUSIC (CHAPTER NO.+NAME)
MARCH	N/A	_____	_____	_____

APRIL	<p>LESSON-1 हरिवंश राय बच्चन (परिचय) I- आत्म परिचय (व्याख्या, काव्य- सौंदर्य, प्रश्नोत्तर) II- एक गीत (व्याख्या, काव्य - सौंदर्य, प्रश्नोत्तर) LESSON-2 रज़िया सज्जाद ज़हीर, नमक (पठन-पाठन , गद्यांश से संबंधित प्रश्नोत्तर, पाठ से संबंधित प्रश्नोत्तर) LESSON-3 आलोक धन्वा (परिचय) , पतंग (व्याख्या, काव्य - सौंदर्य, प्रश्नोत्तर)</p>	1-PLANT CELL CULTURE	GHARANA,LIFE SKETCH OF GREAT EXPONENTS OF EACH GHARANA	RAAG BHAIRAV, DEFINATIONS , BIOGRAPHY OF BADE GULAM ALI KHAN
MAY	<p>LESSON-4 फणीश्वर नाथ रेणु (परिचय) पहलवान की ढोलक (पठन-पाठन , गद्यांश से संबंधित प्रश्नोत्तर, पाठ से संबंधित प्रश्नोत्तर) LESSON-5 आनंद यादव (परिचय) , जूझ (पठन-पाठन, पाठ से संबंधित प्रश्नोत्तर) WRITING SECTION (रचनात्मक- लेखन) I-आलेख LL-फ़ीचर LLL- अनुच्छेद LV- पत्र V- ज्ञान-संचार माध्यम</p>	1-PLANT CELL CULTURE	RAS AND BHAV AND IT'S NINE TYPES,ALL DEFINITIONS, THEKAS,SHORT NOTES ON TANDAV - LASYA	TILWADA TAAL , ROOPAK TAAL
JUNE	<p>LESSON-6 जैनेंद्र कुमार (परिचय), बाज़ार दर्शन (पठन-पाठन , गद्यांश से संबंधित प्रश्नोत्तर, पाठ से संबंधित प्रश्नोत्तर) LESSON-7 धर्मवीर भारती (परिचय) , काले मेघा पानी दे (पठन-पाठन , गद्यांश से संबंधित प्रश्नोत्तर, पाठ से संबंधित प्रश्नोत्तर)</p>	1PLANT CELL CULTURE 2 R DNA TECHNOLOGY	ABHINAYA AND FOUR TYPES OF ABHINAYA, ANGIK , VACHIK, AAHARYA AND SATVIK ABHINAYA	RAAG MALKOSH , DEFINITIONS
JULY	<p>LESSON-8 कुँवर नारायण (परिचय) L-कविता के बहाने (व्याख्या, काव्य - सौंदर्य, प्रश्नोत्तर), II- बात सीधी थी पर (व्याख्या, काव्य - सौंदर्य, प्रश्नोत्तर) LESSON-9 रघुवीर सहाय (परिचय) , कैमरे में बंद अपाहिज (पठन-पाठन,गद्यांश से संबंधित प्रश्नोत्तर, पाठ से संबंधित प्रश्नोत्तर) LESSON-10 गजानन माधव मुक्ति बोध (परिचय), सहर्ष स्वीकारा है (व्याख्या, काव्य- सौंदर्य, प्रश्नोत्तर) LESSON-11 महादेवी वर्मा (परिचय) , भक्तिन (पठन-पाठन,गद्यांश से संबंधित प्रश्नोत्तर, पाठ से संबंधित प्रश्नोत्तर) LESSON-12 मनोहर श्याम जोशी (परिचय) ,सिल्वर वैडिंग (पठन-पाठन, पाठ से संबंधित प्रश्नोत्तर)</p>	1-R DNA TECHNOLOGY 2-ANIMAL CELL CULTURE	ALL CLASSICAL DANCE FORM OF INDIA, ALL FOLK DANCE FORM OF INDIA , NATYA SHASHTRA AND ABHINAYA DARPAN	BIOGRAPHY OF FAIYYAZ KHAN, SANGEET RATNAKAR , SANGEET PARIJAT
AUGUST	<p>अपठित गद्यांश, अपठित पद्यांश, अभिव्यक्ति व माध्यम प्रश्नोत्तर, ज्ञान संचार माध्यम प्रश्नोत्तर ,रचनात्मक लेखन, अनुच्छेद, पत्र LESSON-13 शमशेर बहादुर सिंह (परिचय) , उषा (व्याख्या, काव्य-सौंदर्य, प्रश्नोत्तर) LESSON-14 ओम थानवी(परिचय) , अतीत में दबे पांव (पठन-पाठन, पाठ से संबंधित प्रश्नोत्तर) LESSON-15 तुलसी दास (परिचय) I-कवितावली (उत्तर कांड से) (व्याख्या, काव्य- सौंदर्य, प्रश्नोत्तर) II- लक्ष्मण- मूर्छा और राम का विलाप (व्याख्या, काव्य- सौंदर्य, प्रश्नोत्तर)</p>	1-PROTEIN STRUCTURE AND ENGINEERING 2-GENOMICS PROTEOMICS BIOINFORMATICS	LOKDHARMI AND NATYADHARMI NAYAK, TRADITIONAL COSTUME AND MAKEUP OF KATHAK,	JHAP TAAL , DEFINITIONS , TUNNING OF TANPURA AND ITS PARTS

SEPTEMBER	<p>LESSON-16 फिराक गोरखपुरी (परिचय) I- रुबाइयाँ (व्याख्या, काव्य - सौंदर्य, प्रश्नोत्तर) 11- गज़ल (व्याख्या, काव्य - सौंदर्य, प्रश्नोत्तर) LESSON-17 भीम राव आंबेडकर (परिचय) I- श्रम विभाजन और जाति प्रथा (पठन-पाठन, गद्यांश से संबंधित प्रश्नोत्तर, पाठ से संबंधित प्रश्नोत्तर) LI- मेरी कल्पना का आदर्श समाज (पठन-पाठन, गद्यांश से संबंधित प्रश्नोत्तर, पाठ से संबंधित प्रश्नोत्तर)</p>	1-PROTEOMICS GENOMICS BIOINFORMATICS	TRADITIONAL TERMINOLOGY OF KATHAK; VANDANA,AAMAD,PARAN,TUKD A TODA	CLASSIFICATION OF RAAG , RAAG BHAGESHREE
OCTOBER	<p>LESSON-18 ऐन फ्रैंक (परिचय) , डायरी के पन्ने (पठन-पाठन, पाठ से संबंधित प्रश्नोत्तर) ,अभिव्यक्ति व माध्यम प्रश्नोत्तर REVISION</p>	1-MICROBIAL CELL CULTURE AND APPLICATION	SHORT NOTES ON TAL,LAYA,CHARI,GATI,MANDAL, HAST MUDRA BOTH COMPOSITE AND NON COMPOSITE	DHAMAR TAAL , RAAG SHUDH SARANG , BIOGRAPHY OF KRISHNA RAO SHANKAR PANDIT, TIME THEORY OF RAAG
NOVEMBER	REVISION		REVISION OF ALL CHAPTERS	BIOGRAPHY OF KAREEM KHAN, IDENTIFICATION OF RAAG
DECEMBER	REVISION		REVISION	REVISION OF WHOLE SYLLABUS
TEST I	<p>LESSON-1 हरिवंशराय बच्चन , I- आत्म परिचय , IL- एक गीत LESSON-2 रज़िया सज्जाद ज़हीर, नमक LESSON-4 फणीश्वर नाथ रेणु , पहलवान की ढोलक LESSON-5 आनंद यादव , जूझ, ज़न- संचार माध्यम प्रश्नोत्तर, आलेख, फीचर</p>		DEFINITIONS, LIFE SKETCH OF GREAT EXPONENTS OF KATHAK, THEKAS	RAG BHAIRAV , BIOGRAPHY OF BADE GULAM ALI KHAN , TILWADA TAAL, ROOPAK TAAL, DEFINITIONS
HALF YEARLY	<p>LESSON - 1 एक गीत LESSON-2 नमक LESSON-4 फणीश्वर नाथ रेणु , पहलवान की ढोलक LESSON-8 कुँवर नारायण , कविता के बहाने LESSON-9 रघुवीर सहाय , कैमरे में बंद अपाहिज LESSON-6 जैनेंद्र कुमार , बाज़ार दर्शन LESSON-7 धर्मवीर भारती , काले मेघा पानी दे LESSON-11 महादेवी वर्मा , भक्तिन LESSON-10 गजानन माधव मुक्ति बोध ,सहर्ष स्वीकारा है LESSON-13 शमशेर बहादुर सिंह , उषा ज़न - संचार माध्यम प्रश्नोत्तर अनुच्छेद और पत्र ,अपठित पद्यांश, अपठित गद्यांश कविता /कहानी /नाटक की रचना प्रक्रिया पर आधारित प्रश्नोत्तर, समाचार लेखन, फीचर लेखन, आलेख लेखन पर आधारित प्रश्नोत्तर</p>		RAS AND ITS TYPES, ABHINAYA, ABHINAYA DARPAN, NATYA SHASHTRA ALL CLASSICAL DANCE FORMS	RAAG BHAIRAV , MALKOSH , BAGESHREE , BIOGRAPHY FAIYYAZ KHAN AND BADE GULAM ALI KHAN , TILWADA , JHAP , ROOPAK TAAL , TUMNING OF TANPURA AMD ITS PARTS , DEFINITIONS , SANGEET RATNAKAR AND SANGEET PARIJAT
TEST 2	<p>LESSON-6 जैनेंद्र कुमार , बाज़ार दर्शन LESSON-7 धरम वीर भारती, काले मेघा पानी दे LESSON-8 कुँवर नारायण , कविता के बहाने ज़न- संचार माध्यम प्रश्नोत्तर अनुच्छेद और पत्र , अपठित पद्यांश, अपठित गद्यांश</p>		SHORT NOTES ON TANDAV LASYA, LOKDHARMI NATYADHARMI NAYAK, BASIC TERMINOLOGY OF KATHAK	RAAG BHAIRAV, RAAG MALKOSH , BADE GULAM ALI KHAN BIOGRAPHY , FAIYYAZ KHAN BIOGRAPHY , TILWADA TAAL , ROOPAK TAAL ,

	कविता /कहानी /नाटक की रचना प्रक्रिया पर आधारित प्रश्नोत्तर, समाचार लेखन, फीचर लेखन, आलेख लेखन पर आधारित प्रश्नोत्तर			DEFINITIONS , SANGEET RATNAKAR
PREBOARD-1	FULL SYLLABUS		FULL SYLLABUS	COMPLETE SYLLABUS
ANNUAL/ PREBOARD 2	FULL SYLLABUS		FULL SYLLABUS	COMPLETE SYLLABUS
DELETED SYLLABUS	<p>आत्म परिचय बादल - राग पतंग बात सीधी थी पर छोटा मेरा खेत बगुलों के पंख चार्ली चैप्लिन शरीष के फूल</p>	<ul style="list-style-type: none"> • UNDER UNIT V: PROTEIN AND GENE MANIPULATION CHAPTER 1: RECOMBINANT DNA TECHNOLOGY HYBRIDIZATION TECHNIQUES, DNA LIBRARY, SITE-DIRECTED MUTAGENESIS CHAPTER 2: PROTEIN STRUCTURE AND ENGINEERING 3-D SHAPE OF PROTEINS, PURIFICATION OF PROTEINS CHAPTER 3: GENOMICS, PROTEOMICS AND BIOINFORMATICS: INTRODUCTION, GENOME SEQUENCING PROJECTS, HISTORY OF BIOINFORMATICS, SEQUENCES AND NOMENCLATURE. • UNDER UNIT VI: CELL CULTURE AND GENETIC MANIPULATION CHAPTER 1: MICROBIAL CELL CULTURE AND ITS APPLICATIONS: SCALE-UP OF MICROBIAL PROCESS, BIOSAFETY ISSUES IN MICROBIAL TECHNOLOGY CHAPTER 2: PLANT CELL CULTURE AND APPLICATIONS GENE TRANSFER METHODS IN PLANTS CHAPTER 3: ANIMAL CELL CULTURE AND APPLICATIONS CHARACTERIZATION OF CELL LINES, METHODS OF GENE DELIVERY INTO CELLS, SCALE-UP OF ANIMAL CULTURE PROCESS, TISSUE ENGINEERING 		---



MONTH/ SUBJECT	LEGAL STUDIES (CHAPTER NO. + NAME)	ENTREPRENEURSHIP (CHAPTER NO.+ NAME)	PHYSICAL EDUCATION (CHAPTER NO.+ NAME)	FINE ARTS (CHAPTER NO.+ NAME)
MARCH	_____			MINIATURE PAINTING RAJASTHANI SCHOOL OF MINIATURE PAINTING
APRIL	UNIT 1 -JUDICIARY	CH-1: ENTREPRENEURIAL OPPORTUNITY	CHAPTER-1: PLANNING IN SPORTS	PAHARI SCHOOL OF MINIATURE PAINTING
MAY	UNIT 1 -JUDICIARY (CONTINUED), UNIT 2- TOPICS OF LAW- LAW OF PROPERTY, LAW OF CONTRACTS , LAW OF TORTS, INTRODUCTION TO CRIMINAL LAWS IN INDIA.	CH-2: ENTERPRISE PLANNING	CHAPTER-2: SPORTS AND NUTRITION	MUGHAL SCHOOL OF MINIATURE PAINTING
JUNE	UNIT -3 ARBITRATION, TRIBUNAL ADJUDICATION AND ALTERNATIVE DISPUTE RESOLUTION	CH-3: ENTERPRISE MARKETING	CHAPTER-3: YOGA AND LIFE STYLE	DECCAN SCHOOL OF MINIATURE PAINTING
JULY	UNIT 5-LEGAL PROFESSION IN INDIA UNIT 4- HUMAN RIGHTS IN INDIA	CH-3: ENTERPRISE MARKETING CH-4: ENTERPRISE GROWTH STRATEGIES	CHAPTER-4: PHYSICAL EDUCATION & SPORTS FOR C.W.S.N.(CHILDREN WITH SPECIAL NEEDS - DIVYANG) CHAPTER-5: CHILDREN AND WOMEN IN SPORTS	BENGAL SCHOOL OF MINIATURE PAINTING NATURE AND OBJECT STUDY PAINTING COMPOSITION
AUGUST	UNIT 4- HUMAN RIGHTS IN INDIA UNIT 6-LEGAL SERVICES	CH-5: BUSINESS ARITHMETIC (NUMERICAL AND THEORY)	CHAPTER-6: TEST & MEASUREMENT IN SPORTS	THE MODERN TRENDS IN INDIAN ART NATURE AND OBJECT STUDY PAINTING COMPOSITION
SEPTEMBER	UNIT 6-LEGAL SERVICES (CONTINUED)	CH-6: RESOURCE MOBILISATION	CHAPTER-7: PHYSIOLOGY AND INJURIES IN SPORTS	THE MODERN TRENDS IN INDIAN ART NATURE AND OBJECT STUDY PAINTING COMPOSITION
OCTOBER	UNIT 7-INTERNATIONAL CONTEXT	REVISIONS	CHAPTER-8: BIOMECHANICS AND SPORTS	MINIATURE PAINTING RAJASTHANI SCHOOL OF MINIATURE PAINTING PAHARI SCHOOL OF MINIATURE PAINTING
NOVEMBER	REVISION	REVISIONS	CHAPTER-9: PHYSIOLOGY AND SPORTS CHAPTER-10: TRAINING IN SPORTS	PAHARI SCHOOL OF MINIATURE PAINTING DECCAN SCHOOL OF MINIATURE PAINTING
DECEMBER	REVISION	REVISIONS		THE MODERN TRENDS IN INDIAN ART NATURE AND OBJECT STUDY PAINTING COMPOSITION
TEST I	UNIT 1 -JUDICIARY, UNIT 2- TOPICS OF LAW-LAW OF PROPERTY	CH-1: ENTREPRENEURIAL OPPORTUNITY	CHAPTER-1: PLANNING IN SPORTS (20M)	MINIATURE PAINTING RAJASTHANI AND PAHARI SCHOOL OF MINIATURE PAINTING MUGHAL AND DECCAN SCHOOL OF MINIATURE PAINTING THE MODERN TRENDS IN INDIAN ART
HALF YEARLY	UNIT 1 -JUDICIARY, UNIT 2- TOPICS OF LAW UNIT -3 ARBITRATION, TRIBUNAL ADJUDICATION AND ALTERNATIVE DISPUTE RESOLUTION, UNIT 4- HUMAN RIGHTS IN INDIA, UNIT 5- LEGAL PROFESSION IN INDIA	CH-1: ENTREPRENEURIAL OPPORTUNITY CH-2: ENTERPRISE PLANNING CH-3: ENTERPRISE MARKETING CH-4: ENTERPRISE GROWTH STRATEGIES	CHAPTER-1: PLANNING IN SPORTS CHAPTER-2: SPORTS AND NUTRITION CHAPTER-3: YOGA AND LIFE STYLE CHAPTER-4: PHYSICAL EDUCATION & SPORTS FOR C.W.S.N.(CHILDREN WITH SPECIAL NEEDS - DIVYANG) CHAPTER-5: CHILDREN AND WOMEN IN SPORTS CHAPTER-6: TEST & MEASUREMENT IN SPORTS	MINIATURE PAINTING RAJASTHANI AND PAHARI SCHOOL OF MINIATURE PAINTING MUGHAL AND DECCAN SCHOOL OF MINIATURE PAINTING THE MODERN TRENDS IN INDIAN ART NATURE AND OBJECT STUDY PAINTING COMPOSITION

TEST 2	UNIT 2- TOPICS OF LAW- LAW OF CONTRACTS, LAW OF TORTS, INTRODUCTION TO CRIMINAL LAWS IN INDIA. UNIT -3 ARBITRATION, TRIBUNAL ADJUDICATION AND ALTERNATIVE DISPUTE RESOLUTION	CH-5: BUSINESS ARITHMETIC (NUMERICAL AND THEORY)	CHAPTER-2: SPORTS AND NUTRITION CHAPTER-3: YOGA AND LIFE STYLE (20M)	MINIATURE PAINTING RAJASTHANI AND PAHARI SCHOOL OF MINIATURE PAINTING MUGHAL AND DECCAN SCHOOL OF MINIATURE PAINTING THE MODERN TRENDS IN INDIAN ART
PREBOARD-1	UNIT 1 -JUDICIARY , UNIT 2- TOPICS IN LAW UNIT -3 ARBITRATION, TRIBUNAL ADJUDICATION AND ALTERNATIVE DISPUTE RESOLUTION, UNIT 4- HUMAN RIGHTS IN INDIA, UNIT 5- LEGAL PROFESSION IN INDIA UNIT 6-LEGAL SERVICES, UNIT 7-INTERNATIONAL CONTEXT	FULL SYLLABUS	FULL SYLLABUS	MINIATURE PAINTING RAJASTHANI AND PAHARI SCHOOL OF MINIATURE PAINTING MUGHAL AND DECCAN SCHOOL OF MINIATURE PAINTING THE MODERN TRENDS IN INDIAN ART NATURE AND OBJECT STUDY PAINTING COMPOSITION
ANNUAL/ PREBOARD 2	UNIT 1 -JUDICIARY, UNIT 2- TOPICS OF LAW UNIT -3 ARBITRATION, TRIBUNAL ADJUDICATION AND ALTERNATIVE DISPUTE RESOLUTION, UNIT 4- HUMAN RIGHTS IN INDIA, UNIT 5- LEGAL PROFESSION IN INDIA UNIT 6-LEGAL SERVICES UNIT 7-INTERNATIONAL CONTEXT	FULL SYLLABUS	FULL SYLLABUS	MINIATURE PAINTING RAJASTHANI AND PAHARI SCHOOL OF MINIATURE PAINTING MUGHAL AND DECCAN SCHOOL OF MINIATURE PAINTING THE MODERN TRENDS IN INDIAN ART NATURE AND OBJECT STUDY PAINTING COMPOSITION
DELETED SYLLABUS	JUDICIARY – NIL TOPICS OF LAW- ADMINISTRATIVE LAW ARBITRATION, TRIBUNAL AND ALTERNATIVE DISPUTE RESOLUTION- NIL HUMAN RIGHTS IN INDIA-HISTORICAL CONTEXT OF HUMAN RIGHTS IN INDIA LEGAL PROFESSION IN INDIA- HISTORY OF LEGAL PROFESSION IN INDIA. CLASSIFICATION OF LAWYERS : ROLES AND FUNCTIONS. LEGAL PROFESSION IN OTHER JURISDICTION(THIS INCLUDES LEGAL EDUCATION IN UNITED STATES ,U K AND OTHER COUNTRIES LIKE FRANCE, GERMANY, SINGAPORE, PEOPLES REPUBLIC OF CHINA AND AUSTRALIA. LEGAL SERVICES- 1. INTRODUCTION 2. BRIEF HISTORY OF LEGAL SERVICES 3. LEGAL BACKGROUND – FREE LEGAL AID UNDER INTERNATIONAL LAW, 4. THE INDIAN LEGAL SYSTEM 5. HIERARCHY OF LEGAL AID SERVICE AUTHORITIES – THE CENTRAL AUTHORITY. THE STATE AUTHORITY, THE DISTRICT	CHAPTER 3- ENTERPRISE MARKETING: NEGOTIATION = 2 MARKS CUSTOMER RELATIONSHIP MANAGEMENT = 2 MARKS VENDOR MANAGEMENT = 3 MARKS CHAPTER 4- ENTERPRISE GROWTH STRATEGIES: REASONS FOR FAILURE OF MERGERS AND ACQUISITIONS = 6 MARKS CHAPTER 6 – RESOURCE MOBILIZATION: SECURITIES EXCHANGE BOARD OF INDIA (SEBI) = 4 MARKS SECONDARY MARKET, FEATURES AND IMPORTANCE = 4 MARKS	CHAPTER-1: PLANNING IN SPORTS INTRAMURAL & EXTRAMURAL – MEANING, OBJECTIVES & ITS SIGNIFICANCE. SPECIFIC SPORTS PROGRAMED (SPORTS DAY, HEALTH RUN, RUN FOR FUN, RUN FOR SPECIFIC CAUSE & RUN FOR UNITY). CHAPTER-3: YOGA AND LIFE STYLE BACK PAIN: TADASANA, ARDH MATSYENSERSANA, VAKARASANA, SHALABHASANA, BHUJANGASANA CHAPTER-4: PHYSICAL EDUCATION & SPORTS FOR C.W.S.N. (CHILDREN WITH SPECIAL NEEDS - DIVYANG) ADVANTAGE OF PHYSICAL ACTIVITIES FOR CHILDREN WITH SPECIAL NEEDS CHAPTER-5: CHILDREN AND WOMEN IN SPORTS SPECIAL CONCIDRATION (MENARCH & MENSTURAL DYSFUNCTION) FEMALE ATHELETE TRIAD(OESTOPEROSIS, AMENORIA, EATING DISORDERS) CHAPTER-6: TEST & MEASUREMENT IN SPORTS GENERAL MOTOR FITNESS- BARROW THREE ITEM GENERAL MOTOR ABILITY (STANDING BROAD JUMP. ZIGZAG RUN, MEDICINE BALL PUT – FOR BOYS : 03KG & FOR GIRLS: 01KG	

	<p>AUTHORITY AND TALUK LEGAL SERVICES COMMITTEE</p> <p>6. FUNDING INTERNATIONAL CONTEXT – NIL</p> <p>PROJECT – NIL</p>		<p>CHAPTER-7: PHYSIOLOGY AND INJURIES IN SPORTS</p> <p>PHYSIOLOGICAL CHANGES DUE TO AGEING</p> <p>CHAPTER-8: BIOMECHANICS AND SPORTS FRICTION & SPORTS</p> <p>CHAPTER-9: PHYSIOLOGY AND SPORTS EXERCISE ADHERENCE; REASONS TO EXERCISE, BENEFITS OF EXERCISE STRATEGIES FOR ENHANCING ADHERENCE TO EXERCISE</p> <p>CHAPTER-10: TRAINING IN SPORTS</p> <p>CIRCUIT TRAINING – INTRODUCTION & ITS IMPORTANCE</p>	
--	--	--	---	--