

CHINMAYA VIDYALAYA, NEW DELHI
MONTH WISE SYLLABUS: 2024-2025
CLASS XI

ENGLISH

MONTH	CHAPTERS
APRIL	HORNBILL - PROSE-THE PORTRAIT OF A LADY POETRY - A PHOTOGRAPH SNAPSHOTS – THE SUMMER OF THE BEAUTIFUL WHITE HORSE
MAY	HORNBILL - POETRY -THE VOICE OF THE RAIN SNAPSHOTS –THE ADDRESS WRITING – POSTER DESIGNING
JULY	HORNBILL – PROSE - DISCOVERING KING TUT: THE SAGA CONTINUES PROSE - WE ARE NOT AFRAID TO DIE WRITING – SPEECH WRITING PROJECT WORK- CREATING A LITERARY MAGAZINE/ NEWSPAPER
AUGUST	WRITING –NOTE MAKING INTEGRATED GRAMMAR
SEPTEMBER	HORNBILL - POETRY – THE LABURNUM TOP PROSE- SILK ROAD
OCTOBER	HORNBILL - POETRY – CHILDHOOD SNAPSHOTS – PLAY-MOTHER’S DAY WRITING – DEBATE
NOVEMBER	HORNBILL – POETRY - FATHER TO SON SNAPSHOTS – PROSE- BIRTH WRITING- ADVERTISEMENT
DECEMBER	HORNBILL – PROSE- THE ADVENTURE SNAPSHOTS – POETRY - THE TALE OF MELON CITY INTEGRATED GRAMMAR
JANUARY	WRITING – NOTE MAKING (REVISION) INTEGRATED GRAMMAR

Note : Subject to change as per the CBSE notification

MATHEMATICS

MONTH	CHAPTERS
APRIL	CHAPTER 8 - SEQUENCE AND SERIES CHAPTER 1 – SETS ACTIVITY 1: TO DEMONSTRATE THAT THE ARITHMETIC MEAN OF TWO DISTINCT POSITIVE NUMBERS IS ALWAYS GREATER THAN THEIR GEOMETRIC MEAN. ACTIVITY 2: TO REPRESENT SET THEORETIC OPERATIONS USING VENN DIAGRAMS. ACTIVITY 3: TO FIND THE NUMBER OF SUBSET OF A GIVEN SET AND VERIFY THAT IF A SET HAS n NUMBER OF ELEMENTS, THEN THE TOTAL NUMBER OF SUBSETS IS 2^n .
MAY	CHAPTER 2 - RELATIONS & FUNCTIONS CHAPTER 3 - TRIGONOMETRIC FUNCTIONS ACTIVITY 4: TO DISTINGUISH BETWEEN RELATION AND FUNCTION.
JULY	CHAPTER 4 - COMPLEX NUMBERS AND QUADRATIC EQUATIONS CHAPTER 6 - PERMUTATIONS AND COMBINATIONS ACTIVITY 5: TO INTERPRET GEOMETRICALLY THE MEANING OF IOTA (i) = $\sqrt{-1}$ AND ITS INTEGRAL POWERS.
AUGUST	CHAPTER 5 - LINEAR INEQUALITIES CHAPTER 9 - STRAIGHT LINES
SEPTEMBER	CHAPTER 7 - BINOMIAL THEOREM ACTIVITY 6: TO CONSTRUCT A PASCAL'S TRIANGLE AND TO WRITE BINOMIAL EXPANSION FOR A GIVEN POSITIVE INTEGRAL EXPONENT.
OCTOBER	CHAPTER 10 - CONIC SECTIONS CHAPTER 11 - INTRODUCTION TO THREE-DIMENSIONAL GEOMETRY ACTIVITY 7: TO CONSTRUCT A PARABOLA.
NOVEMBER	CHAPTER 12 - LIMITS AND DERIVATIVES ACTIVITY 8: TO FIND ANALYTICALLY THE LIMIT OF A FUNCTION $F(X)$ AT $X=C$ ACTIVITY 9: VERIFICATION OF THE GEOMETRICAL SIGNIFICANCE OF DERIVATIVE
DECEMBER	CHAPTER 13 – STATISTICS CHAPTER 14 – PROBABILITY ACTIVITY 10: TO SET THE IDEA OF PROBABILITY OF AN EVENT THROUGH A DOUBLE COLOUR CARDS EXPERIMENT.
JANUARY	REVISION

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PHYSICS

MONTHS	UNITS
APRIL	UNITS AND DIMENSIONS
MAY	KINEMATICS PRACTICAL'S 1.TO MEASURE DIAMETER OF A SMALL SPHERICAL/CYLINDRICAL BODY AND TO MEASURE INTERNAL DIAMETER AND DEPTH OF A GIVEN BEAKER/CALORIMETER USING VERNIER CALLIPERS AND HENCE FIND ITS VOLUME. 2.TO MEASURE DIAMETER OF A GIVEN WIRE AND THICKNESS OF A GIVEN SHEET USING SCREW GAUGE.
JULY	KINEMATICS + LAWS OF MOTION PRACTICAL'S 3.FIND THE WEIGHT OF A GIVEN BODY USING PARALLELOGRAM LAW OF VECTORS. 4.USING A SIMPLE PENDULUM, PLOT ITS L-T ² GRAPH AND USE IT TO FIND THE EFFECTIVE LENGTH OF SECOND'S PENDULUM.
AUGUST	WORK, ENERGY + ROTATIONAL PRACTICAL'S 4.USING A SIMPLE PENDULUM, PLOT ITS L-T ² GRAPH AND USE IT TO FIND THE EFFECTIVE LENGTH OF SECOND'S PENDULUM. 5.TO STUDY THE RELATIONSHIP BETWEEN FORCE OF LIMITING FRICTION AND NORMAL REACTION AND TO FIND THE CO- EFFICIENT OF FRICTION BETWEEN A BLOCK AND A HORIZONTAL SURFACE.
SEPTEMBER	ROTATIONAL+ GRAVITATION PRACTICAL'S 6.TO FIND THE DOWNWARD FORCE, ALONG AN INCLINED PLANE, ACTING ON A ROLLER DUE TO GRAVITATIONAL PULL OF THE EARTH AND STUDY ITS RELATIONSHIP WITH THE ANGLE OF INCLINATION θ BY PLOTTING GRAPH BETWEEN FORCE AND $\sin\theta$ 7.TO FIND THE FORCE CONSTANT OF A HELICAL SPRING BY PLOTTING A GRAPH BETWEEN LOAD AND EXTENSION.

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OCTOBER	GRAVITATION PRACTICAL'S 8.TO DETERMINE THE COEFFICIENT OF VISCOSITY OF A GIVEN VISCOUS LIQUID BY MEASURING TERMINAL VELOCITY OF A GIVEN SPHERICAL BODY.
NOVEMBER	BULK PROPERTIES OF MATTER PRACTICAL'S 9.TO STUDY THE RELATIONSHIP BETWEEN THE TEMPERATURE OF A HOT BODY AND TIME BY PLOTTING A COOLING CURVE.
DECEMBER	THERMODYNAMICS AND OSILLATIONS PRACTICAL'S 10.TO FIND THE SPEED OF SOUND IN AIR AT ROOM TEMPERATURE USING A RESONANCE TUBE BY TWO RESONANCE POSITIONS.
JANUARY	WAVES

CHEMISTRY

MONTH	UNITS
APRIL	UNIT 1- BASIC CONCEPT OF CHEMISTRY PRACTICAL – SALT ANALYSIS, DIL. SULPHURIC ACID GROUP ANIONS
MAY	UNIT-2 -STRUCTURE OF ATOM PRACTICAL – SALT ANALYSIS, DIL. SULPHURIC ACID GROUP ANIONS
JULY	UNIT-2-STRUCTURE OF ATOM(CONTD.) UNIT-3- CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES PRACTICAL – SALT ANALYSIS, CONC. SULPHURIC ACID GROUP ANIONS
AUGUST	UNIT 4- CHEMICAL BONDING AND MOLECULAR STRUCTURE PRACTICAL – SALT ANALYSIS, SEPARATE GROUP ANIONS

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SEPTEMBER	UNIT 4- CHEMICAL BONDING AND MOLECULAR STRUCTURE (CONTD.) PRACTICAL – INVESTIGATORY PROJECTS
OCTOBER	UNIT 8-ORGANIC CHEMISTRY-SOME BASIC PRINCIPLES AND TEHNIQUES PRACTICAL – ZERO, FIRST GROUP CATIONS
NOVEMBER	UNIT 9-HYDROCARBONS PRACTICAL – SECOND AND THIRD GROUP CATIONS
DECEMBER	UNIT5-THERMODYNAMICS UNIT 6- EQUILIBRIUM PRACTICAL – FOURTH, FIFTH AND SIXTH GROUP CATIONS
JANUARY	UNIT 7- REDOX REACTIONS PRACTICAL – ACID BASE TITRATION

BIOLOGY

MONTH	CHAPTER
APRIL	CH – 1: THE LIVING WORLD CH – 2: BIOLOGICAL CLASSIFICATION PRACTICALS: 1. PARTS OF A COMPOUND MICROSCOPE 2. SPECIMENS/SLIDES/MODELS AND IDENTIFICATION WITH REASONS - BACTERIA, OSCILLATORIA, SPIROGYRA, RHIZOPUS, MUSHROOM, YEAST, LIVERWORT, MOSS, FERN, PINE, ONE MONOCOTYLEDONOUSPLANT, ONE DICOTYLEDONOUS PLANT AND ONE LICHEN
MAY	CH – 3: PLANT KINGDOM PRACTICALS: 3. VIRTUAL SPECIMENS/SLIDES/MODELS AND IDENTIFYING FEATURES OF - AMOEBA, HYDRA, LIVER FLUKE, ASCARIS, LEECH, EARTHWORM, PRAWN, SILKWORM, HONEY BEE, SNAIL, STARFISH, SHARK, ROHU, FROG, LIZARD, PIGEON AND RABBIT

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JULY	<p>CH – 4: ANIMAL KINGDOM CH – 5: MORPHOLOGY OF FLOWERING PLANTS CH-6: ANATOMY OF FLOWERING PLANTS PRACTICALS: 4. STUDY AND DESCRIBE LOCALLY AVAILABLE COMMON FLOWERING PLANTS, FROM FAMILY SOLANACEAE INCLUDING DISSECTION AND DISPLAY OF FLORAL WHORLS, ANTHER AND OVARY TO SHOW NUMBER OF CHAMBERS (FLORAL FORMULAE AND FLORAL DIAGRAMS), TYPE OF ROOT (TAP AND ADVENTITIOUS); TYPE OF STEM (HERBACEOUS AND WOODY); LEAF (ARRANGEMENT, SHAPE, VENATION, SIMPLE AND COMPOUND) 5. DIFFERENT TYPES OF INFLORESCENCE (CYMOSE AND RACEMOSE)</p>
AUGUST	<p>CH – 7: STRUCTURAL ORGANIZATION IN ANIMALS CH – 8: CELL – THE UNIT OF LIFE CH – 9: BIOMOLECULES PRACTICALS: 6: PREPARATION AND STUDY OF T.S. OF DICOT AND MONOCOT ROOTS AND STEMS 7. STUDY OF DISTRIBUTION OF STOMATA ON THE UPPER AND LOWER SURFACES OF LEAVES 8. COMPARATIVE STUDY OF THE RATES OF TRANSPIRATION IN THE UPPER AND LOWER SURFACES OF LEAVES</p>
SEPTEMBER	<p>CH – 10: CELL CYCLE AND CELL DIVISION CH – 13: PHOTOSYNTHESIS IN HIGHER PLANTS CH – 14: RESPIRATION IN PLANTS PRACTICALS: 9. TEST FOR THE PRESENCE OF SUGAR, STARCH, PROTEINS AND FATS IN SUITABLE PLANT AND ANIMAL MATERIALS 10. SEPARATION OF PLANT PIGMENTS THROUGH PAPER CHROMATOGRAPHY</p>
OCTOBER	<p>CH – 14: RESPIRATION IN PLANTS CONTD. CH – 15: PLANT GROWTH AND DEVELOPMENT CH – 17: BREATHING AND EXCHANGE OF GASES PRACTICALS:</p>

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	<p>11. STUDY OF THE RATE OF RESPIRATION IN FLOWER BUDS/LEAF TISSUE AND GERMINATING SEEDS</p> <p>12. TEST FOR PRESENCE OF UREA IN URINE</p> <p>13. TEST FOR PRESENCE OF SUGAR IN URINE</p> <p>14. TEST FOR PRESENCE OF ALBUMIN IN URINE</p> <p>15. TEST FOR PRESENCE OF BILE SALTS IN URINE</p>
NOVEMBER	<p>CH – 17 BREATHING AND EXCHANGE OF GASES CONTD.</p> <p>CH – 18 BODY FLUIDS AND CIRCULATION</p> <p>CH – 19 EXCRETORY PRODUCTS AND THEIR ELIMINATION PRACTICALS:</p> <p>16. MITOSIS IN ONION ROOT TIP CELLS AND ANIMALS CELLS (GRASSHOPPER) FROM PERMANENT SLIDES</p> <p>17. STUDY OF OSMOSIS BY POTATO OSMOMETER</p> <p>18. STUDY OF PLASMOLYSIS IN EPIDERMAL PEELS</p>
DECEMBER	<p>CH –20 LOCOMOTION AND MOVEMENT</p> <p>CH – 21 NEURAL CONTROL AND COORDINATION</p> <p>CH – 22 CHEMICAL COORDINATION AND INTEGRATION PRACTICALS:</p> <p>19. HUMAN SKELETON AND DIFFERENT TYPES OF JOINTS WITH THE HELP OF VIRTUAL IMAGES/MODELS ONLY</p>
JANUARY	CH – 22 CHEMICAL COORDINATION AND INTEGRATION CONTD.

COMPUTER SCIENCE

MONTH	UNITS /CHAPTER
APRIL	CH-1: COMPUTER SYSTEM
MAY	CH-2: ENCODING SCHEMES AND NUMBER SYSTEM
JULY	CH-4: INTRODUCTION TO PROBLEM SOLVING
AUGUST	<p>CH-5: GETTING STARTED WITH PYTHON</p> <p>CH-6: FLOW OF CONTROL</p> <p>PRACTICALS BASED ON LOOPS AND IF...ELSE</p>
SEPTEMBER	<p>CH-7: FUNCTIONS</p> <p>PRACTICALS BASED ON FUNCTIONS</p>

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OCTOBER	CH-8: STRINGS CH-9: LISTS PRACTICALS BASED ON STRINGS AND LISTS
NOVEMBER	CH-10: TUPLES AND DICTIONARIES PRACTICALS BASED ON DICTIONARY
DECEMBER	CH-11: SOCIETAL IMPACTS PROJECT BASED ON PYTHON
JANUARY	CH-3: EMERGING TRENDS PROJECT BASED ON PYTHON

BUSINESS STUDIES

MONTH	TOPIC
APRIL	UNIT 1: EVOLUTION & FUNDAMENTALS OF BUSINESS
MAY	UNIT 1: CONTINUED. UNIT 2: FORMS OF BUSINESS ORGANIZATIONS
JULY	UNIT 2: CONTINUED. UNIT 3: PUBLIC, PRIVATE & GLOBAL ENTERPRISES + PROJECT WORK = 10
AUGUST	UNIT 3: CONTINUED UNIT 4: BUSINESS SERVICES
SEPTEMBER	UNIT 4: CONTINUED UNIT 5: EMERGING MODES OF BUSINESS
OCTOBER	UNIT 6: SOCIAL RESPONSIBILITY OF BUSINESS & BUSINESS ETHICS UNIT 7: SOURCES OF BUSINESS FINANCE
NOVEMBER	UNIT 7: CONTINUED UNIT 8: SMALL BUSINESS ENTERPRISES
DECEMBER	UNIT 8: CONTINUED UNIT 9: INTERNAL TRADE +PROJECT WORK=10
JANUARY	UNIT 10: INTERNATIONAL TRADE

ACCOUNTANCY

MONTH	TOPIC
APRIL	UNIT 1: (i). INTRODUCTION TO ACCOUNTING
MAY	UNIT 1: (ii). THEORY BASE OF ACCOUNTING

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JULY	UNIT 2: RECORDING OF BUSINESS TRANSACTIONS (i). JOURNAL
AUGUST	UNIT 2: (ii). SPECIAL SUBSIDIARY BOOKS (iii). LEDGER
SEPTEMBER	UNIT 2: (iv). BANK RECONCILIATION STATEMENT (v). DEPRECIATION, PROVISION & RESERVES
OCTOBER	UNIT 2: (v). DEPRECIATION ACCOUNTING CONTINUED. (vi). TRIAL BALANCE.
NOVEMBER	(vii). RECTIFICATION OF ERRORS. UNIT 3: FINANCIAL STATEMENTS (WITHOUT ADJUSTMENTS)
DECEMBER	UNIT 3: FINANCIAL STATEMENTS (WITH ADJUSTMENTS) +PROJECT WORK=20
JANUARY	UNIT 4: COMPUTERS IN ACCOUNTING

POLITICAL SCIENCE

MONTH	TOPIC
APRIL	(BOOK 1) INDIAN CONSTITUTION AT WORK CHAPTER 1-CONSTITUTION: WHY AND HOW?
MAY	CHAPTER 2- RIGHTS IN THE INDIAN CONSTITUTION PROJECT WORK
JULY	CHAPTER 3-ELECTION AND REPRESENTATION CHAPTER 4 - EXECUTIVE
AUGUST	CHAPTER5- LEGISLATURE CHAPTER 6-JUDICIARY CHAPTER 7- FEDERALISM PROJECT WORK
SEPTEMBER	MID TERM EXAMINATION
OCTOBER	CHAPTER 8- LOCAL GOVERNMENT CHAPTER 9-CONSTITUTION AS LIVING DOCUMENT CHAPTER 10-THE PHILOSOPHY OF THE CONSTITUTION
NOVEMBER	(2ND BOOK) POLITICAL THEORY CHAPTER 1 POLITICAL THEORY : AN INTRODUCTION CHAPTER 2 FREEDOM CHAPTER3 EQUALITY
DECEMBER	CHAPTER 4 SOCIAL JUSTICE CHAPTER 5 RIGHTS CHAPTER 6 CITIZENSHIP
JANUARY	CHAPTER 7 NATIONALISM CHAPTER 8 SECULARISM PROJECT WORK

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PSYCHOLOGY

MONTH	TOPIC
APRIL	CHAPTER 1 - WHAT IS PSYCHOLOGY?
MAY	CHAPTER 2 - METHODS OF ENQUIRY IN PSYCHOLOGY PROJECT WORK (ANY ONE TOPIC): 1. IMPACT OF SELF CONCEPT, BODY DISSATISFACTION AND GENDER ON STUDENTS FEAR OF NEGATIVE EVALUATION 2. PSYCHOLOGICAL EFFECT OF CONFLICT/VIOLENCE ON WOMEN AND CHILDREN 3. ADVERTISING AND ITS IMPACTS
JULY	CHAPTER 4 - HUMAN DEVELOPMENT
AUGUST	CHAPTER 5 - SENSORY, ATTENTIONAL AND PERCEPTUAL PROCESSES PRACTICAL ON ATTENTION SPAN
SEPTEMBER	CHAPTER 6 - LEARNING
OCTOBER	CHAPTER 7 - HUMAN MEMORY PRACTICAL ON EFFECT OF MEANINGFULNESS ON LEARNING
NOVEMBER	CHAPTER 8 - THINKING
DECEMBER	CHAPTER 9 - MOTIVATION AND EMOTION
JANUARY	REVISION

INFORMATICS PRACTICES

MONTHS	UNITS
APRIL	CH-1: COMPUTER SYSTEM
MAY	CH-2: EMERGING TRENDS CH-3: BRIEF OVERVIEW OF PYTHON
JULY	CH-3: BRIEF OVERVIEW OF PYTHON PRACTICALS BASED ON PYTHON BASIC OPERATIONS

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AUGUST	CH-4: WORKING WITH LISTS AND DICTIONARY PRACTICALS BASED ON LISTS AND DICTIONARY
SEPTEMBER	CH-5: UNDERSTANDING DATA
OCTOBER	CH-7: DATABASE CONCEPTS
NOVEMBER	CH-8: STRUCTURED QUERY LANGUAGE PRACTICALS BASED ON SQL
DECEMBER	CH-8: STRUCTURED QUERY LANGUAGE PRACTICALS BASED ON SQL
JANUARY	CH-2: EMERGING TRENDS

VALUE EDUCATION

MONTH	TOPIC
APRIL	L-1 ARJUNA VISHAADA YOGA
MAY	L-2 SAANKHYA YOGA
JULY	L-2 SAANKHYA YOGA CONTINUES.....
AUGUST	L-2 SAANKHYA YOGA CONTINUES..... L-3 KARMA YOGA
SEPTEMBER	L-3 KARMA YOGA CONTINUES.....
OCTOBER	L-4 JNANA KARMA SANNYASA YOGA L-5 KARMA SANNYASA YOGA
NOVEMBER	L-6 DHYANA YOGA
DECEMBER	L-7 JNANAVIJNANA YOGA L-8 AKSHARABRAHMA YOGA
JANUARY	L-9 RAJAVIDYA RAJAGUHYA YOGA

PAINTING

MONTHS	UNITS
APRIL	PREHISTORIC ROCK PAINTINGS
MAY	ART OF INDUS VALLEY

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JULY	BUDDHIST, JAIN AND HINDU ART
AUGUST	THE ART OF AJANTA CAVES
SEPTEMBER	ARTISTIC ASPECTS OF INDIAN TEMPLE SCULPTURES
OCTOBER	INDIAN BRONZE SCULPTURE
NOVEMBER	ARTISTIC ASPECTS OF INDO-ISLAMIC ARCHITECTURE
DECEMBER	REVISION
JANUARY	REVISION

MUSIC

MONTHS	UNITS
APRIL	<ul style="list-style-type: none"> • VILAMBIT KHAYAL (BIHAG, BHIMPALASI, BHAIRVI) • BRIEF OF FOLLOWING: • NADA, SHRUTI, SWAR, SAPTAK, THAAT, LAYA, TALA, JATI.
MAY	<ul style="list-style-type: none"> • ONE CHOTA KHAYAL BHIMPALASI • BRIEF STUDY OF THE FOLLOWING: • MARGI, DESI, RAGA.
JULY	<ul style="list-style-type: none"> • ONE DHRUPAD WITH DUGUN IN ANY ONE PRESCRIBED RAGA • BRIEF HISTORY OF THE FOLLOWING: • DHRUPAD KHAYAL AND TARANA
AUGUST	<ul style="list-style-type: none"> • ONE DEVOTIONAL SONG • BRIEF STUDY OF MUSICAL ELEMENTS IN NATYA SHAstra.
SEPTEMBER	<ul style="list-style-type: none"> • REVISION AND EXAM.
OCTOBER	<ul style="list-style-type: none"> • ABILITY TO RECOGNIZE THE PRESCRIBED RAGAS FROM THE PHRASES OF SWARAS. • (BIHAG, BHIMPALASI, BHAIRVI)
NOVEMBER	<ul style="list-style-type: none"> • DESCRIPTION OF PRESCRIBED TALAS ALONG WITH TALA NOTATION WITH (THAH, DUGUN AND CHAUGUN) (TEENTAAL, CHAUTAAL AND EKTAAL)

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	<ul style="list-style-type: none"> • KNOWLEDGE OF THE STRUCTURE OF TANPURA.
DECEMBER	<ul style="list-style-type: none"> • LIFE SKETCH OF TANSEN, V.N BHATKHANDE AND V.D PALUSKAR • WRITING IN NOTATION OF COMPOSITION OF PRESCRIBED RAGAS. • (BIHAG, BHIMPALASI, BHAIRVI)
JANUARY	<ul style="list-style-type: none"> • RECITATION OF THEKAS OF (TEENTAAL, CHAUTAAL AND EKTAAL) • WITH DUGUN AND CHUGUN KEEPING TALA WITH HAND BEATS.

ECONOMICS

MONTH	TOPIC
APRIL	<p>STATISTICS UNIT: INTRODUCTION WHAT IS ECONOMICS? MEANING, SCOPE AND IMPORTANCE OF STATISTICS IN ECONOMICS</p> <p>MICROECONOMICS UNIT: INTRODUCTION MEANING OF MICROECONOMICS AND MACROECONOMICS WHAT IS AN ECONOMY? CENTRAL PROBLEMS OF AN ECONOMY: WHAT, HOW AND FOR WHOM TO PRODUCE; CONCEPTS OF PRODUCTION POSSIBILITY FRONTIER AND OPPORTUNITY COST.</p>
MAY	<p>STATISTICS UNIT: COLLECTION, ORGANIZATION AND PRESENTATION OF DATA (CONTINUED) ORGANIZATION. ORGANIZATION OF DATA: MEANING AND TYPES OF VARIABLES; FREQUENCY DISTRIBUTION. PRESENTATION OF DATA: TABULAR PRESENTATION AND DIAGRAMMATIC PRESENTATION OF DATA: (I) GEOMETRIC FORMS (BAR DIAGRAMS AND PIE DIAGRAMS), (II) FREQUENCY DIAGRAMS (HISTOGRAM, POLYGON AND OGIVE) AND (III) ARITHMETIC LINE GRAPHS (TIME SERIES GRAPH).</p> <p>MICROECONOMICS UNIT: CONSUMER EQUILIBRIUM AND DEMAND CONSUMER'S EQUILIBRIUM – MEANING OF UTILITY, MARGINAL UTILITY, LAW OF DIMINISHING MARGINAL UTILITY, CONDITIONS OF CONSUMER'S EQUILIBRIUM USING MARGINAL UTILITY ANALYSIS. INDIFFERENCE CURVE ANALYSIS OF</p>

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	<p>CONSUMER'S EQUILIBRIUM-THE CONSUMER'S BUDGET (BUDGET SET AND BUDGET LINE), PREFERENCES OF THE CONSUMER (INDIFFERENCE CURVE, INDIFFERENCE MAP) AND CONDITIONS OF CONSUMER'S EQUILIBRIUM.</p> <p>PROJECT WORK LAYOUT</p>
JULY	<p>MICROECONOMICS UNIT: CONSUMER EQUILIBRIUM AND DEMAND (CONTINUED)</p> <p>DEMAND, MARKET DEMAND, DETERMINANTS OF DEMAND, DEMAND SCHEDULE, DEMAND CURVE AND ITS SLOPE, MOVEMENT ALONG AND SHIFTS IN THE DEMAND CURVE. PRICE ELASTICITY OF DEMAND - FACTORS AFFECTING PRICE ELASTICITY OF DEMAND; MEASUREMENT OF PRICE ELASTICITY OF DEMAND – PERCENTAGE-CHANGE METHOD</p> <p>PROJECT WORK LAYOUT</p>
AUGUST	<p>STATISTICS UNIT: STATISTICAL TOOLS AND INTERPRETATION</p> <p>MEASURES OF CENTRAL TENDENCY- MEAN (SIMPLE AND WEIGHTED), MEDIAN AND MODE.</p> <p>MICROECONOMICS UNIT: PRODUCER BEHAVIOUR AND SUPPLY PRODUCTION FUNCTION: SHORT AND LONG RUN TOTAL PRODUCT, AVERAGE PRODUCT AND MARGINAL PRODUCT.</p> <p>RETURNS TO A FACTOR. PROJECT WORK LAYOUT</p>
SEPTEMBER	<p>MICROECONOMICS UNIT: PRODUCER BEHAVIOUR AND SUPPLY (CONTINUED)</p> <p>PRODUCER'S EQUILIBRIUM-MEANING AND ITS CONDITIONS IN TERMS OF MARGINAL REVENUE, MARGINAL COST.</p>
OCTOBER	<p>MICROECONOMICS UNIT: PRODUCER BEHAVIOUR AND SUPPLY (CONTINUED)</p> <p>COST AND REVENUE: SHORT RUN COSTS - TOTAL COST, TOTAL FIXED COST, TOTAL VARIABLE COST; AVERAGE FIXED COST, AVERAGE VARIABLE COST AND MARGINAL COST-MEANING AND THEIR RELATIONSHIP. REVENUE - TOTAL, AVERAGE AND MARGINAL REVENUE. MEANING AND THEIR RELATIONS</p> <p>SUPPLY, MARKET SUPPLY, DETERMINANTS OF SUPPLY, SUPPLY SCHEDULE, SUPPLY CURVE AND ITS SLOPE, MOVEMENTS ALONG AND SHIFTS IN SUPPLY CURVE, PRICE ELASTICITY OF SUPPLY; MEASUREMENT OF PRICE ELASTICITY OF SUPPLY – PERCENTAGE CHANGE METHOD PROJECT IN DETAIL</p>
NOVEMBER	<p>STATISTICS UNIT: STATISTICAL TOOLS AND INTERPRETATION (CONTINUED) CORRELATION - MEANING, SCATTER DIAGRAM; MEASURES OF CORRELATION - KARL PEARSON'S METHOD (TWO VARIABLES UNGROUPED DATA) SPEARMAN'S RANK CORRELATION. PROJECT IN DETAIL</p>

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DECEMBER	<p>STATISTICS UNIT: STATISTICAL TOOLS AND INTERPRETATION (CONTINUED) INTRODUCTION TO INDEX NUMBERS - MEANING, TYPES - WHOLESALE PRICE INDEX, CONSUMER PRICE INDEX AND INDEX OF INDUSTRIAL PRODUCTION, USES OF INDEX NUMBERS; INFLATION AND INDEX NUMBERS. SOME MATHEMATICAL TOOLS USED IN ECONOMICS: EQUATION OF A LINE, SCOPE OF A LINE, SCOPE OF A CURVE</p> <p>MICROECONOMICS UNIT: FORMS OF MARKET AND PRICE DETERMINATION PERFECT COMPETITION - FEATURES; DETERMINATION OF MARKET EQUILIBRIUM AND EFFECTS OF SHIFTS IN DEMAND AND SUPPLY. PROJECT IN DETAIL</p>
JANUARY	<p>MICROECONOMICS UNIT: FORMS OF MARKET AND PRICE DETERMINATION (CONTINUED) SIMPLE APPLICATIONS OF DEMAND AND SUPPLY: PRICE CEILING, PRICE FLOOR. PROJECT SUBMISSION</p> <p>REVISION</p>

PHYSICAL EDUCATION

MONTHS	UNITS
APRIL	CH-1. CHANGING TRENDS & CAREER IN PHYSICAL EDUCATION CH-2. OLYMPIC AND VALUE EDUCATION
MAY	CH-3. YOGA CH-4. PHYSICAL EDUCATION & SPORTS FOR CWSN
JULY	CH-5. PHYSICAL FITNESS AND WELLNESS CH-6. TEST, MEASUREMENT & EVALUATION
AUGUST	CH-7. FUNDAMENTALS OF ANATOMY AND PHYSIOLOGY
SEPTEMBER	CH-8. FUNDAMENTALS OF KINESIOLOGY AND BIOMECHANICS IN SPORTS
OCTOBER	CH-9. PSYCHOLOGY & SPORTS
NOVEMBER	CH-10. TRAINING & DOPING IN SPORTS
DECEMBER	PRACTICALS - 1 & 2
JANUARY	PRACTICALS - 3 & 4

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