



CHINMAYA VIDYALAYA, NEW DELHI
SYLLABUS 2023-24
CLASS XI

ENGLISH

MONTH	CHAPTER
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 POETRY – THE LABURNUM TOP WRITING – SPEECH WRITING
AUGUST	HORNBILL - PROSE - WE ARE NOT AFRAID TO DIE WRITING –NOTE MAKING INTEGRATED GRAMMAR
SEPTEMBER	REVISION- MID TERM EXAMS
OCTOBER	HORNBILL - PROSE- SILK ROAD 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
FEBRUARY	REVISION

MATHEMATICS

MONTH	CHAPTER
APRIL	CHAPTER 8 - SEQUENCE AND SERIES CHAPTER 1 - SETS
MAY	CHAPTER 2 - RELATIONS & FUNCTIONS CHAPTER 3 - TRIGONOMETRIC FUNCTIONS
JULY	CHAPTER 4 - COMPLEX NUMBERS AND QUADRATIC EQUATIONS CHAPTER 6 - PERMUTATIONS AND COMBINATIONS
AUGUST	CHAPTER 5 - LINEAR INEQUALITIES CHAPTER 9 - STRAIGHT LINES
SEPTEMBER	CHAPTER 7 - BINOMIAL THEOREM
OCTOBER	CHAPTER 10 - CONIC SECTIONS CHAPTER 11 - INTRODUCTION TO THREE-DIMENSIONAL GEOMETRY
NOVEMBER	CHAPTER 12 - LIMITS AND DERIVATIVES
DECEMBER	CHAPTER 13 – STATISTICS
JANUARY	CHAPTER 14 - PROBABILITY
FEBRUARY	REVISION

PHYSICS

MONTH	SYLLABUS
APRIL	CHAPTER 1: PHYSICAL WORLD. CHAPTER 2: UNITS AND MEASUREMENTS
MAY	CHAPTER 3: MOTION IN A STRAIGHT LINE.
JULY	CHAPTER 4: MOTION IN A PLANE.
AUGUST	CHAPTER 4: MOTION IN A PLANE. CHAPTER 5: LAWS OF MOTION.
SEPTEMBER	CHAPTER 6: WORK, ENERGY, AND POWER
OCTOBER	CHAPTER 7: SYSTEM OF PARTICLES AND ROTATIONAL MOTION.
NOVEMBER	CHAPTER–8: GRAVITATION 9: MECHANICAL PROPERTIES OF SOLIDS CHAPTER–10: MECHANICAL PROPERTIES OF FLUIDS
DECEMBER	CHAPTER–11: THERMAL PROPERTIES OF MATTER CHAPTER–12: THERMODYNAMICS
JANUARY	CHAPTER–14: OSCILLATIONS CHAPTER–15: WAVES
FEBRUARY	CHAPTER–15: WAVES

CHEMISTRY

MONTH	SYLLABUS
APRIL	UNIT 1- BASIC CONCEPT OF CHEMISTRY
MAY	UNIT-2 -STRUCTURE OF ATOM
JULY	UNIT 3- CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES
AUGUST	UNIT 4- CHEMICAL BONDING AND MOLECULAR STRUCTURE
SEPTEMBER	HALF YEARLY EXAMINATION
OCTOBER	UNIT 8-ORGANIC CHEMISTRY-SOME BASIC PRINCIPLES AND TEHNIQUES
NOVEMBER	UNIT 9-HYDROCARBONS
DECEMBER	UNIT5-THERMODYNAMICS UNIT 6- EQUILIBRIUM
JANUARY	UNIT 7- REDOX REACTIONS
FEBRUARY	REVISION

COMPUTER SCIENCE

MONTH	SYLLABUS
APRIL	CH-1: COMPUTER SYSTEM
MAY	CH-2: ENCODING SCHEMES AND NUMBER SYSTEM
JULY	CH-4: INTRODUCTION TO PROBLEM SOLVING
AUGUST	CH-5: GETTING STARTED WITH PYTHON CH-6: FLOW OF CONTROL
SEPTEMBER	CH-7: FUNCTIONS
OCTOBER	CH-8: STRINGS CH-9: LISTS
NOVEMBER	CH-10: TUPLES AND DICTIONARIES
DECEMBER	CH-11: SOCIETAL IMPACTS
JANUARY	CH-3: EMERGING TRENDS
FEBRUARY	REVISION

BIOLOGY

MONTH	SYLLABUS
APRIL	CH – 1: THE LIVING WORLD CH – 2: BIOLOGICAL CLASSIFICATION
MAY	CH – 3: PLANT KINGDOM
JULY	CH – 4: ANIMAL KINGDOM CH – 5: MORPHOLOGY OF FLOWERING PLANTS
AUGUST	CH – 7: STRUCTURAL ORGANIZATION IN ANIMALS CH – 8: CELL – THE UNIT OF LIFE CH – 9: BIOMOLECULES
SEPTEMBER	CH – 10: CELL CYCLE AND CELL DIVISION CH – 13: PHOTOSYNTHESIS IN HIGHER PLANTS CH – 14: RESPIRATION IN PLANTS
OCTOBER	CH – 14: RESPIRATION IN PLANTS CONTD. CH – 15: PLANT GROWTH AND DEVELOPMENT CH – 17: BREATHING AND EXCHANGE OF GASES
NOVEMBER	CH – 17 BREATHING AND EXCHANGE OF GASES CONTD. CH – 18 BODY FLUIDS AND CIRCULATION CH – 19 EXCRETORY PRODUCTS AND THEIR ELIMINATION
DECEMBER	CH – 20 LOCOMOTION AND MOVEMENT CH – 21 NEURAL CONTROL AND COORDINATION CH – 22 CHEMICAL COORDINATION AND INTEGRATION
JANUARY	CH – 22 CHEMICAL COORDINATION AND INTEGRATION CONTD.
FEBRUARY	REVISION

BUSINESS STUDIES

MONTH	SYLLABUS
APRIL	BUSINESS, TRADE, AND COMMERCE
MAY	FORMS OF BUSINESS ORGANIZATION
JULY	PRIVATE, PUBLIC, AND GLOBAL ENTERPRISES FORMATION OF A COMPANY
AUGUST	BUSINESS SERVICES
SEPTEMBER	EMERGING MODES OF BUSINESS
OCTOBER	SOURCES OF BUSINESS FINANCE
NOVEMBER	SMALL BUSINESS AND ENTREPRENEURSHIP
DECEMBER	INTERNAL TRADE
JANUARY	INTERNATIONAL BUSINESS / EXTERNAL TRADE
FEBRUARY	REVISION.

ACCOUNTANCY

MONTH	SYLLABUS
APRIL	INTRODUCTION AND SIGNIFICANCE OF ACCOUNTING
MAY	THEORY BASE OF ACCOUNTING
JULY	ACCOUNTING EQUATION JOURNAL, LEDGER AND TRIAL BALANCE
AUGUST	SPECIAL JOURNALS AND CASH BOOK
SEPTEMBER	BANK RECONCILIATION STATEMENT
OCTOBER	DEPRECIATION, RESERVES AND PROVISIONS
NOVEMBER	BILLS OF EXCHANGE
DECEMBER	FINANCIAL STATEMENTS WITHOUT ADJUSTMENTS
JANUARY	FINANCIAL STATEMENTS WITH ADJUSTMENTS
FEBRUARY	REVISION.

POLITICAL SCIENCE

MONTH	SYLLABUS
APRIL	(BOOK 1) INDIAN CONSTITUTION AT WORK CHAPTER 1-CONSTITUTION: WHY AND HOW?
MAY	CHAPTER 2- RIGHTS IN THE INDIAN CONSTITUTION
JULY	CHAPTER 3-ELECTION AND REPRESENTATION CHAPTER 4 - EXECUTIVE
AUGUST	CHAPTER 5- LEGISLATURE CHAPTER 6-JUDICIARY CHAPTER 7- FEDERALISM
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 CHAPTER 3 EQUALITY
DECEMBER	CHAPTER 4 SOCIAL JUSTICE CHAPTER 5 RIGHTS CHAPTER 6 CITIZENSHIP
JANUARY	CHAPTER 7 NATIONALISM CHAPTER 8 SECULARISM
FEBRUARY	REVISION

PSYCHOLOGY

MONTH	SYLLABUS
APRIL	CHAPTER 1: WHAT IS PSYCHOLOGY?
MAY	CHAPTER 2: METHODS OF ENQUIRY IN PSYCHOLOGY
JULY	CHAPTER 4: HUMAN DEVELOPMENT
AUGUST	CHAPTER 5: SENSORY, ATTENTIONAL AND PERCEPTUAL PROCESSES PRACTICAL WORK
SEPTEMBER	CHAPTER 6: LEARNING
OCTOBER	CHAPTER 7: HUMAN MEMORY PRACTICAL WORK
NOVEMBER	CHAPTER 8: THINKING
DECEMBER	CHAPTER 9: MOTIVATION AND EMOTION
JANUARY	PROJECT WORK
FEBRUARY	REVISION

INFORMATICS PRACTICES

MONTH	SYLLABUS
APRIL	CH-1: COMPUTER SYSTEM
MAY	CH-2: EMERGING TRENDS
JULY	CH-3: BRIEF OVERVIEW OF PYTHON
AUGUST	CH-4: WORKING WITH LISTS AND DICTIONARY
SEPTEMBER	CH-5: UNDERSTANDING DATA
OCTOBER	CH-7: DATABASE CONCEPTS
NOVEMBER	CH-8: STRUCTURED QUERY LANGUAGE
DECEMBER	CH-8: STRUCTURED QUERY LANGUAGE
JANUARY	CH-2: EMERGING TRENDS
FEBRUARY	REVISION

VALUE EDUCATION

MONTH	SYLLABUS
APRIL	CH-1: ARJUNA VISHAADA YOGA
MAY	CH-2: SANKHYA YOGA
JULY	CH-2: SANKHYA YOGA TO BE CONTINUED... CH-3: KARMA YOGA
AUGUST	CH-3: KARMA YOGA TO BE CONTINUED
SEPTEMBER	CH-4: JYANA KARMA SANYAASA YOGA
OCTOBER	CH-4: JYANA KARMA SANYAASA YOGA TO BE CONTINUED CH-5: KARMA SANYAASA YOGA
NOVEMBER	CH-6: DHYANA YOGA
DECEMBER	CH-7: JYANA VIJYANA YOGA CH-8: AKSHARA BRAHMA YOGA
JANUARY	CH-8: AKSHARA BRAHMA YOGA TO BE CONTINUED CH-9: RAJAVIDYA RAJAGUHYA YOGA
FEBRUARY	CH-9: RAJAVIDYA RAJAGUHYA YOGA TO BE CONTINUED

PAINTING

MONTH	SYLLABUS
APRIL	CHAPTER 1: ART – AN INTRODUCTION
MAY	CHAPTER -2: ART AND CULTURE CHAPTER 3: ORIGIN AND DEVELOPMENT OF DIFFERENT FORMS OF FINE ARTS IN INDIA
JULY	CHAPTER 4: PREHISTORIC ROCK PAINTING
AUGUST	CHAPTER 5: ART OF INDUS VALLEY
SEPTEMBER	CHAPTER 6: THE ART DURING MAURYAN, SHUNGA, KUSHANA AND GUPTA PERIOD
OCTOBER	CHAPTER 7: THE ART OF AJANTA CAVES
NOVEMBER	CHAPTER 8: ARTISTIC ASPECTS OF INDIAN TEMPLE SCULPTURES
DECEMBER	CHAPTER 9: INDIAN BRONZE SCULPTURES
JANUARY	CHAPTER 10: SOME ARTISTIC ASPECTS OF INDO- ISLAMIC ARCHITECTURE
FEBRUARY	REVISION

ENTREPRENEURSHIP

MONTH	SYLLABUS
APRIL	ENTREPRENEURSHIP: CONCEPT AND FUNCTIONS
MAY	AN ENTREPRENEUR PROJECT WORK
JULY	ENTREPRENEURIAL JOURNEY
AUGUST	ENTREPRENEURSHIP AS INNOVATION AND PROBLEM SOLVING
SEPTEMBER	ENTREPRENEURSHIP AS INNOVATION AND PROBLEM SOLVING
OCTOBER	UNDERSTANDING THE MARKET PROJECT WOR
NOVEMBER	BUSINESS FINANCE AND ARITHMETIC
DECEMBER	RESOURCE MOBILIZATION
JANUARY	REVISION
FEBRUARY	ANNUAL EXAMINATION

ECONOMICS

MONTH	SYLLABUS
APRIL	STATISTICS UNIT: INTRODUCTION WHAT IS ECONOMICS? MEANING, SCOPE AND IMPORTANCE OF STATISTICS IN ECONOMICS MICRO ECONOMIC- 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.
MAY	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). MICRO ECONOMICS 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 CONSUMER'S EQUILIBRIUM-THE CONSUMER'S BUDGET (BUDGET

	<p>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>MICRO ECONOMICS 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 AND 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>MICRO ECONOMICS UNIT: PRODUCER BEHAVIOUR AND SUPPLY PRODUCTION FUNCTION: SHORT AND LONG RUN TOTAL PRODUCT, AVERAGE PRODUCT AND MARGINAL PRODUCT. RETURNS TO A FACTOR. PROJECT WORK LAYOUT</p>
SEPTEMBER	<p>MICRO ECONOMICS UNIT: PRODUCER BEHAVIOUR AND SUPPLY (CONTINUED)</p> <p>PRODUCER'S EQUILIBRIUM-MEANING AND ITS CONDITIONS IN TERMS OF MARGINAL REVENUE-MARGINAL COST. REVISION (MID TERM EXAMINATION)</p>
OCTOBER	<p>MICRO ECONOMICS 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 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>

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>MICRO ECONOMICS UNIT: FORMS OF MARKET AND PRICE DETERMINATION</p> <p>PERFECT COMPETITION - FEATURES; DETERMINATION OF MARKET EQUILIBRIUM AND EFFECTS OF SHIFTS IN DEMAND AND SUPPLY. PROJECT IN DETAIL</p>
JANUARY	<p>MICRO ECONOMICS UNIT: FORMS OF MARKET AND PRICE DETERMINATION (CONTINUED)</p> <p>SIMPLE APPLICATIONS OF DEMAND AND SUPPLY: PRICE CEILING, PRICE FLOOR. PROJECT SUBMISSION</p>
FEBRUARY	REVISION AND ANNUAL EXAMINATIONS

PHYSICAL EDUCATION

MONTH	SYLLABUS
APRIL	1. CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION. 2. OLYMPISM
MAY	3. YOGA 4. PHYSICAL EDUCATION AND SPORTS FOR CWSN
JULY	5. PHYSICAL FITNESS, HEALTH AND WELLNESS
AUGUST	6. TEST MEASUREMENT & EVALUATION 7. FUDAMENTAL OF ANATOMY, PHYSIOLOGY IN SPORTS
SEPTEMBER	8. FUNDAMENMTAL OF KINESIOLGY AND BIOMEACHANICS IN SPORTS
OCTOBER	9. PSYCHOLOGY IN SPORTS
NOVEMBER	10. TRAINING AND DOPING IN SPORTS
DECEMBER	10. TRAINING AND DOPING IN SPORTS (CONTINUE)
JANUARY	RIVISION OF 1 ST TO 5 TH CHAPTERS
FEBRUARY	RIVISION OF 6 TH TO 10 TH CHAPTERS