



**CHINMAYA VIDYALAYA, NEW DELHI**  
**SYLLABUS 2023-24**  
**CLASS XII**

**ENGLISH**

<b>MONTH</b>	<b>CHAPTERS</b>
APRIL	CH- THE LAST LESSON CH- LOST SPRING POETRY - MY MOTHER AT SIXTY-SIX CH- THE THIRD LEVEL (SUPP. RDR.)
MAY	CH- THE RATTRAP CH- DEEP WATER POETRY- KEEPING QUIET  WRITING- NOTICE, LETTER TO THE EDITOR
JULY	CH- INDIGO CH- THE TIGER KING (SUPP. RDR.) CH- POETS AND PANCAKES POETRY- A THING OF BEAUTY  WRITING- JOB APPLICATION
AUGUST	CH- JOURNEY TO THE END OF THE EARTH (SUPP. RDR.) POETRY- AUNT JENNIFER'S TIGERS CH- THE ENEMY (SUPP. RDR.)  WRITING: REPORT WRITING, ARTICLE WRITING
SEPTEMBER	EXAMINATION
OCTOBER	POETRY- A ROADSIDE STAND CH- THE INTERVIEW  WRITING: INVITATIONS
NOVEMBER	CH- GOING PLACES CH- ON THE FACE OF IT (SUPP. RDR.) CH- MEMORIES OF CHILDHOOD (SUPP. RDR.)
DECEMBER	REVISION FOR BOARDS  WRITING- JOB APPLICATION (REVISION)

## MATHEMATICS

MONTH	SYLLABUS
APRIL	CHAPTER 1 - RELATIONS AND FUNCTIONS CHAPTER 2 - INVERSE TRIGONOMETRIC FUNCTIONS CHAPTER 3 - MATRICES
MAY	CHAPTER 4 - DETERMINANTS CHAPTER 5 - CONTINUITY AND DIFFERENTIABILITY CHAPTER 6 - APPLICATIONS OF DERIVATIVES
JULY	CHAPTER 7 - INTEGRALS
AUGUST	CHAPTER 8 - APPLICATIONS OF THE INTEGRALS CHAPTER 9 - DIFFERENTIAL EQUATIONS
SEPTEMBER	CHAPTER 10 - VECTOR ALGEBRA CHAPTER 11 - THREE - DIMENSIONAL GEOMETRY
OCTOBER	CHAPTER 12 - LINEAR PROGRAMMING
NOVEMBER	CHAPTER 13 - PROBABILITY
DECEMBER	REVISION

## PHYSICS

MONTH	SYLLABUS
APRIL	CHAPTER 1: ELECTRIC CHARGES AND FIELDS. CHAPTER 2: ELECTROSTATIC POTENTIAL AND CAPACITANCE
MAY	CHAPTER 3: CURRENT ELECTRICITY
JULY	CHAPTER 4: MOVING CHARGES AND MAGNETISM. CHAPTER 5: MAGNETISM AND MATTER
AUGUST	CHAPTER 6: ELECTROMAGNETIC INDUCTION. CHAPTER 7: ALTERNATING CURRENT
SEPTEMBER	CHAPTER-8: ELECTROMAGNETIC WAVES
OCTOBER	CHAPTER-9: WAVE OPTICS CHAPTER-10: RAY OPTICS
NOVEMBER	CHAPTER-11: DUAL NATURE OF RADIATION AND MATTER CHAPTER-12: ATOMS CHAPTER-13: NUCLEI
DECEMBER	CHAPTER-14: SEMICONDUCTOR ELECTRONICS

## CHEMISTRY

MONTH	SYLLABUS
APRIL	SOLUTIONS HALOALKANES AND HALOARENES
MAY	ALCOHOLS, PHENOL AND ETHER ALDEHYDE KETONE AND CARBOXYLIC ACID
JULY	ORGANIC COMPOUNDS CONTAINING NITROGEN
AUGUST	ELECTROCHEMISTRY CHEMICAL KINETICS
SEPTEMBER	d AND f BLOCK ELEMENTS
OCTOBER	COORDINATION COMPOUNDS
NOVEMBER	BIOMOLECULES
DECEMBER	BIOMOLECULES REVISION

## BIOLOGY

MONTH	SYLLABUS
APRIL	CH- 5: PRINCIPLES OF INHERITANCE CH- 6: MOLECULAR BASIS OF INHERITANCE
MAY	CH – 6: MOLECULAR BASIS OF INHERITANCE CONTD. CH – 7: EVOLUTION
JULY	CH – 11: BIOTECHNOLOGY PRINCIPLES AND PROCESSES CH – 12: BIOTECHNOLOGY AND ITS APPLICATIONS
AUGUST	CH – 2: SEXUAL REPRODUCTION IN FLOWERING PLANTS CH – 3: HUMAN REPRODUCTION
SEPTEMBER	CH – 4: REPRODUCTIVE HEALTH CH – 8: HUMAN HEALTH AND DISEASES
OCTOBER	CH – 10: MICROBES IN HUMAN WELFARE CH – 13: ORGANISMS AND POPULATION
NOVEMBER	CH – 15: BIODIVERSITY AND CONSERVATION
DECEMBER	REVISION

## COMPUTER SCIENCE

MONTH	SYLLABUS
APRIL	CH-1: PYTHON REVISION TOUR-I CH-2: PYTHON REVISION TOUR-II CH-3: WORKING WITH FUNCTIONS
MAY	CH-4: WORKING WITH LIBRARIES CH-5: FILE HANDLING CH-6: RECURSION
JULY	CH-9: DATA STRUCTURES-II (STACK)
AUGUST	CH-11: RELATIONAL DATABASES CH-12: SIMPLE QUERIES IN SQL
SEPTEMBER	CH-13: TABLE CREATION AND DML CH-14: GROUPING RECORDS, JOIN IN SQL
OCTOBER	CH-15: INTERFACE IN PYTHON WITH MYSQL CH-16: COMMUNICATION AND NETWORK CONCEPTS
NOVEMBER	CH-16: COMMUNICATION AND NETWORK CONCEPTS
DECEMBER	REVISION

## BUSINESS STUDIES

MONTH	SYLLABUS
APRIL	1. MARKETING MANAGEMENT
MAY	2. CONSUMER PROTECTION
JULY	3. FINANCIAL MANAGEMENT
AUGUST	4. NATURE & SIGNIFICANCE OF MANAGEMENT 5. PRINCIPLES OF MANAGEMENT
SEPTEMBER	6. BUSINESS ENVIRONMENT 7. PLANNING
OCTOBER	8. ORGANIZING 9. CONTROLLING
NOVEMBER	10. STAFFING
DECEMBER	11. DIRECTING

## ACCOUNTANCY

MONTH	SYLLABUS
APRIL	PARTNERSHIP FUNDAMENTALS, GOODWILL
MAY	CHANGE IN PROFIT SHARING RATIO, ADMISSION OF A PARTNER
JULY	RETIREMENT AND DEATH OF A PARTNER
AUGUST	DISSOLUTION OF A PARTNERSHIP FIRM
SEPTEMBER	ACCOUNTING FOR COMPANIES – ACCOUNTING FOR SHARE CAPITAL AND DEBENTURES
OCTOBER	1. FINANCIAL STATEMENTS OF A COMPANY. 2. FINANCIAL STATEMENTS ANALYSIS- MEANING, IMPORTANCE AND LIMITATIONS 3. COMPARATIVE AND COMMON SIZE STATEMENTS
NOVEMBER	ACCOUNTING RATIOS– MEANING, OBJECTIVES, ADVANTAGES, CLASSIFICATION AND COMPUTATION – (LIQUIDITY, SOLVENCY, ACTIVITY AND PROFITABILITY RATIOS) 2. CASH FLOW STATEMENT
DECEMBER	PROJECT WORK

## POLITICAL SCIENCE

MONTH	TOPIC
	<b>(BOOK 1) CONTEMPORARY WORLD POLITICS</b>
APRIL	CHAPTER -1: THE END OF BIPOLARITY
MAY	CHAPTER -1: THE END OF BIPOLARITY(CONT.) CHAPTER -2: CONTEMPORARY CENTRES OF POWER
JULY	CHAPTER -3: CONTEMPORARY SOUTH ASIA CHAPTER- 4: INTERNATIONAL ORGANISATIONS CHAPTER -5: SECURITY IN THE CONTEMPORARY WORLD
AUGUST	CHAPTER -6: ENVIRONMENT AND NATURAL RESOURCES CHAPTER -7: GLOBALISATION <b>(BOOK 2) POLITICS IN INDIA SINCE INDEPENDENCE</b> CHAPTER –1: CHALLENGES OF NATION BUILDING
SEPTEMBER	CHAPTER – 2: ERA OF ONE- PARTY DOMINANCE CHAPTER- 3: POLITICS OF PLANNED DEVELOPMENT CHAPTER – 4: INDIA’S EXTERNAL RELATIONS
OCTOBER	CHAPTER –5: CHALLENGES TO AND RESTORATION OF THE CONGRESS SYSTEM CHAPTER –6: THE CRISES OF DEMOCRATIC ORDER
NOVEMBER	CHAPTER –7: REGIONAL ASPIRATIONS CHAPTER- 8: RECENT DEVELOPMENTS IN INDIAN POLITICS
DECEMBER	CHAPTER- 8: RECENT DEVELOPMENT IN INDIAN POLITICS

SUBJECT TO CHANGE AS PER THE CBSE GUIDELINES

## PSYCHOLOGY

MONTH	SYLLABUS
APRIL	CHAPTER 1 – VARIATIONS IN PSYCHOLOGICAL ATTRIBUTES
MAY	CHAPTER 2 – SELF AND PERSONALITY
JULY	CHAPTER 3 – MEETING LIFE CHALLENGES
AUGUST	CHAPTER 4 – PSYCHOLOGICAL DISORDERS
SEPTEMBER	CHAPTER 5 – THERAPEUTIC APPROACHES
OCTOBER	CHAPTER 6 – ATTITUDE AND SOCIAL COGNITION
NOVEMBER	CHAPTER 7 – SOCIAL INFLUENCE AND GROUP PROCESS
DECEMBER	REVISION

## INFORMATICS PRACTICES

MONTH	SYLLABUS
APRIL	CH-1: PYTHON PANDAS-I CH-2: PYTHON PANDAS-II
MAY	CH-3: PLOTTING WITH PYPLOT CH-4: IMPORT/EXPORT DATA IN CSV/MYSQL
JULY	CH-5: MYSQL REVISION TOUR CH-6: MYSQL FUNCTIONS
AUGUST	CH-7: QUERYING USING SQL CH-8: JOINS AND SET OPERATIONS
SEPTEMBER	CH-9: INTRODUCTION TO COMPUTER NETWORKS CH-10: INTRODUCTION TO INTERNET AND WEB
OCTOBER	CH-11: SOCIETAL IMPACTS
NOVEMBER	CH-11: SOCIETAL IMPACTS
DECEMBER	REVISION

## VALUE EDUCATION

<b>MONTH</b>	<b>TOPIC</b>
APRIL	L- 10: VIBHUTI YOGA
MAY	L- 10: VIBHUTI YOGA CONTINUED.... L- 11: VISHWARUPA DARSHAN YOGA
JULY	L- 12: BHAKTI YOGA L- 13: KSHETRA KSHETRAJNA YOGA
AUGUST	L- 13: KSHETRA KSHETRAJNA YOGA CONTINUED.... L- 14: GUNATRAYA VIBHAGA YOGA
SEPTEMBER	L- 15: PURUSHOTTAM YOGA L- 16: DAIVA ASURA SAMPAT VIBHAGA YOGA
OCTOBER	L- 17: SHRADDHATRAYA VIBHAGA YOGA
NOVEMBER	L- 18: MOKSHA SANYAASA YOGA
DECEMBER	L- 18: MOKSHA SANYAASA YOGA CONTINUED....

## PAINTING

<b>MONTH</b>	<b>SYLLABUS</b>
APRIL	THE RAJASTHANI SCHOOL OF MINIATURE PAINTING
MAY	THE PAHARI SCHOOL OF MINIATURE PAINTING
JULY	THE MUGHAL AND DECCAN SCHOOLS OF MINIATURE PAINTING
AUGUST	THE BENGAL SCHOOL OF PAINTING
SEPTEMBER	THE MODERN TRENDS IN INDIAN ART
OCTOBER	GRAPHIC PRINTS OF THE CONTEMPORARY INDIAN ARTIST
NOVEMBER	SCULPTURES OF THE CONTEMPORARY INDIAN ARTISTS
DECEMBER	REVISION

## ENTREPRENEURSHIP

MONTH	SYLLABUS
APRIL	UNIT 1: ENTREPRENEURIAL OPPORTUNITIES PROJECT WORK- MARKET SURVEY
MAY	UNIT 2: ENTREPRENEURIAL PLANNING
JULY	UNIT 3: ENTERPRISE MARKETING PROJECT WORK – BUSINESS PLAN
AUGUST	UNIT 4: ENTERPRISE GROWTH STRATEGIES
SEPTEMBER	UNIT 5: BUSINESS ARITHMETIC
OCTOBER	UNIT 6: RESOURCE MOBILIZATION
NOVEMBER	PROJECT WORK
DECEMBER	REVISION

## ECONOMICS

MONTH	SYLLABUS
APRIL	<p><b><u>INDIAN ECONOMIC DEVELOPMENT-UNIT 4: DEVELOPMENT EXPERIENCE (1947-90) AND ECONOMIC REFORMS SINCE 1991.</u></b></p> <p>A BRIEF INTRODUCTION OF THE STATE OF INDIAN ECONOMY ON THE EVE OF INDEPENDENCE. INDIAN ECONOMIC SYSTEM AND COMMON GOALS OF FIVE-YEAR PLANS. MAIN FEATURES, PROBLEMS AND POLICIES OF AGRICULTURE (INSTITUTIONAL ASPECTS AND NEW AGRICULTURAL STRATEGY), INDUSTRY (IPR 1956; SSI – ROLE &amp; IMPORTANCE) AND FOREIGN TRADE. ECONOMIC REFORMS SINCE 1991: FEATURES AND APPRAISALS OF LIBERALIZATION, GLOBALIZATION AND PRIVATIZATION (LPG POLICY); CONCEPTS OF DEMONETIZATION AND GST</p>
MAY	<p><b><u>MACRO ECONOMICS- UNIT: MONEY AND BANKING</u></b></p> <p>MONEY – MEANING AND FUNCTIONS, SUPPLY OF MONEY - CURRENCY HELD BY THE PUBLIC AND NET DEMAND DEPOSITS HELD BY COMMERCIAL BANKS. MONEY CREATION BY THE COMMERCIAL BANKING SYSTEM. CENTRAL BANK AND ITS FUNCTIONS (EXAMPLE OF THE RESERVE BANK OF INDIA): BANK OF ISSUE, GOVT. BANK, BANKER'S BANK, CONTROL OF CREDIT THROUGH BANK RATE, CRR, SLR, REPO RATE AND REVERSE REPO RATE, OPEN MARKET OPERATIONS, MARGIN REQUIREMENT.</p> <p>MONEY – MEANING AND SUPPLY OF MONEY – CURRENCY HELD BY THE PUBLIC AND NET DEMAND DEPOSITS HELD BY</p>



	<p>COMMERCIAL BANKS.</p> <p><b><u>MACRO ECONOMICS- UNIT: GOVERNMENT BUDGET AND THE ECONOMY.</u></b></p> <p>GOVERNMENT BUDGET - MEANING, OBJECTIVES AND COMPONENTS. CLASSIFICATION OF RECEIPTS - REVENUE RECEIPTS AND CAPITAL RECEIPTS; CLASSIFICATION OF EXPENDITURE – REVENUE EXPENDITURE AND CAPITAL EXPENDITURE. BALANCED, SURPLUS AND DEFICIT BUDGET – MEASURES OF GOVERNMENT DEFICIT <b>PROJECT WORK</b></p>
JULY	<p><b><u>MACRO ECONOMICS UNIT: NATIONAL INCOME AND RELATED AGGREGATES</u></b></p> <p>WHAT IS MACROECONOMICS? BASIC CONCEPTS IN MACROECONOMICS: CONSUMPTION GOODS, CAPITAL GOODS, FINAL GOODS, INTERMEDIATE GOODS; STOCKS AND FLOWS; GROSS INVESTMENT AND DEPRECIATION. CIRCULAR FLOW OF INCOME (TWO SECTOR MODEL); METHODS OF CALCULATING NATIONAL INCOME - VALUE ADDED OR PRODUCT METHOD, EXPENDITURE METHOD, INCOME METHOD. AGGREGATES RELATED TO NATIONAL INCOME: GROSS NATIONAL PRODUCT (GNP), NET NATIONAL PRODUCT (NNP), GROSS DOMESTIC PRODUCT (GDP) AND NET DOMESTIC PRODUCT (NDP) - AT MARKET PRICE, AT FACTOR COST; REAL AND NOMINAL GDP. GDP AND WELFARE</p> <p><b><u>PROJECT WORK</u></b></p>
AUGUST	<p><b><u>MACRO ECONOMICS UNIT: DETERMINATION OF INCOME AND EMPLOYMENT</u></b></p> <p>AGGREGATE DEMAND AND ITS COMPONENTS. PROPENSITY TO CONSUME AND PROPENSITY TO SAVE (AVERAGE AND MARGINAL). SHORT-RUN EQUILIBRIUM OUTPUT; INVESTMENT MULTIPLIER AND ITS MECHANISM. MEANING OF FULL EMPLOYMENT AND INVOLUNTARY UNEMPLOYMENT. PROBLEMS OF EXCESS DEMAND AND DEFICIENT DEMAND; MEASURES TO CORRECT THEM - CHANGES IN GOVERNMENT SPENDING, TAXES AND MONEY SUPPLY.</p> <p><b><u>PROJECT WORK</u></b></p>
SEPTEMBER	<p><b><u>INDIAN ECONOMIC DEVELOPMENT-UNIT: CURRENT CHALLENGES FACING INDIAN ECONOMY</u></b></p>

	<p><b>HUMAN CAPITAL FORMATION: HOW PEOPLE BECOME RESOURCE; ROLE OF HUMAN CAPITAL IN ECONOMIC DEVELOPMENT; GROWTH OF EDUCATION SECTOR IN INDIA</b></p> <p><b>RURAL DEVELOPMENT: KEY ISSUES - CREDIT AND MARKETING - ROLE OF COOPERATIVES; AGRICULTURAL DIVERSIFICATION; ALTERNATIVE FARMING - ORGANIC FARMING</b></p> <p><b><u>PROJECT WORK</u></b></p>
OCTOBER	<p><b><u>INDIAN ECONOMIC DEVELOPMENT-UNIT: CURRENT CHALLENGES FACING INDIAN ECONOMY (CONTINUED)</u></b></p> <p><b>EMPLOYMENT: GROWTH AND CHANGES IN WORK FORCE PARTICIPATION RATE IN FORMAL AND INFORMAL SECTORS; PROBLEMS AND POLICIES</b></p> <p><b>SUSTAINABLE ECONOMIC DEVELOPMENT: MEANING, EFFECTS OF ECONOMIC DEVELOPMENT ON RESOURCES AND ENVIRONMENT, INCLUDING GLOBAL WARMING</b></p> <p><b><u>MACRO ECONOMICS- UNIT: BALANCE OF PAYMENTS</u></b></p> <p>BALANCE OF PAYMENTS ACCOUNT - MEANING AND COMPONENTS</p> <p><b><u>PROJECT WORK</u></b></p>
NOVEMBER	<p><b><u>MACRO ECONOMICS- UNIT: BALANCE OF PAYMENTS (CONT)</u></b></p> <p>FOREIGN EXCHANGE RATE- MEANING OF FIXED AND FLEXIBLE EXCHANGE RATE AND MANAGED FLOATING RATE</p>
DECEMBER	<p><b><u>INDIAN ECONOMIC DEVELOPMENT-UNIT: DEVELOPMENT EXPERIENCE OF INDIA.</u></b></p> <p>A COMPARISON WITH NEIGHBOURS INDIA AND PAKISTAN INDIA AND CHINA ISSUES: GROWTH, POPULATION, SECTORAL DEVELOPMENT AND OTHER DEVELOPMENTAL INDICATORS</p> <p><b><u>COMPLETION OF PROJECT WORK</u></b></p>

## PHYSICAL EDUCATION

MONTH	SYLLABUS
APRIL	UNIT 1. MANAGEMENT OF SPORTING EVENTS UNIT 2. CHILDREN AND WOMEN IN SPORTS
MAY	UNIT 3. YOGA AS PREVENTIVE MEASURE FOR LIFE STYLE DISEASE
JULY	UNIT 4. PHYSICAL EDUCATION AND SPORTS FOR CWSN. UNIT 5. SPORTS AND NUTRITION
AUGUST	UNIT 6. TEST AND MEASUREMENT
SEPTEMBER	UNIT 7. PHYSIOLOGY AND INJURIES IN SPORTS UNIT 8. BIOMECHANICS IN SPORTS
OCTOBER	UNIT 9. PSYCHOLOGY IN SPORTS
NOVEMBER	UNIT.10. TRAINING IN SPORTS
DECEMBER	UNIT 10. TRAINING IN SPORTS (CONTINUE) REVISION

## SANSKRIT

MONTH	SYLLABUS
APRIL	भास्वती २ पाठ १ – अनुशासनम् चतुर्थोऽध्यायः – महाकाव्यम् व्याकरण – अपठितगद्यांशः, पत्रलेखनम्
MAY	पाठ-३ मातुराजा गरीयसी सप्तमोऽध्यायः – गद्यकाव्यम् एवं चम्पूकाव्यम्, लघुकथापूर्तिः, संस्कृतानुवादः
JULY	पाठ-४ प्रजानुरञ्जको नृपः नवमोऽध्यायः – नाट्यसाहित्यम् (नाट्यतत्वानां मुख्यविशेषतानां परिचयः) सन्धयः – स्वर-व्यञ्जन-विसर्ग
AUGUST	पाठ-५ दौवारिकस्य निष्ठा समास – अव्ययी, तत्पुरुषः, कर्मधारयः, बहित्रीः, द्वन्वः, द्विगुः च।
SEPTEMBER	पाठ ६ – सूक्तिसौरभम् प्रत्ययाः – कृत्- क्त, क्तवत्, तव्यत्, अनीयर्, शतृ-शानच्, क्तिन्। तद्धित – मतुप्, ठक्, इन्, त्व, तल् स्त्री – टाप्, डीप्

OCTOBER	पाठ- ७ नैकेनापि समं गता वसुमती उपपदविभक्तयः
NOVEMBER	पाठ- ९ मदालसा पद्यांशः, नाट्यांशः
DECEMBER	पाठ ११ कार्याकर्यव्यवस्थितिः श्लोकान्वयः

## MUSIC

MONTH	SYLLABUS
APRIL	RAAG BAGESHRI WITH NOTATION OF COMPOSITION. THEORY – ALANKAAR, KAN, MEEND, KHATKA MURKI, GAMAK
MAY	RAAG-BHAIRAV WITH NOTATION OF COMPOSITION THEORY -GRAM, MURCHHANA, ALAP, TANA
JULY	PHRASES OF SWARAS HISTORICAL DEVELOPMENT OF TIME THEORY OF RAAGAS
AUGUST	RECITATION OF THE THEKAS JHAPTAAL, RUPAK, DHAMAAR, (DUGUN, CHAUGUN, KEEPING TAALA WITH HANDBEATS)
SEPTEMBER	ONE TARANA AND ONE DHAMAR WITH DUGUN AND CHUGUN.
OCTOBER	RAAG MALKAUNS WITH NOTATION OF COMPOSITION LIFE SKETCH AND CONTRIBUTION OF FAIYAZ KHAN, BADE GULAM ALI KHAN
NOVEMBER	TUNING OF TANPURA LIFE SKETCH AND CONTRIBUTION OF KRISHNA RAO, SHANKAR PANDIT
DECEMBER	RAAG SUDHSARANG WITH NOTATION OF COMPOSITION DETAILS STUDY OF SANGEET RATNAKAR SANGEET PARIJAT