

**SYLLABUS- CLASS XI
SESSION-2023-2024**

SUBJECT-ENGLISH CORE

READING: COMPREHENSIONS, NOTE MAKING

WRITING: POSTER MAKING, ADVERTISEMENT WRITING, SPEECH WRITING, DEBATE

GRAMMAR: TENSES, DETERMINERS

LITERATURE: THE PORTRAIT OF A LADY, A PHOTOGRAPH, THE LABURNUM TOP, THE SUMMER OF THE BEAUTIFUL WHITE HORSE, WE'RE NOT AFRAID TO DIE, THE VOICE OF THE RAIN, THE ADDRESS, DISCOVERING TUT, CHILDHOOD, FATHER TO SON, THE ADVENTURE, MOTHER'S DAY, SILK ROAD, BIRTH, THE TALE OF MELON CITY

SUBJECT-BIOLOGY

THE LIVING WORLD, BIOLOGICAL CLASSIFICATION, PLANT KINGDOM, ANIMAL KINGDOM, MORPHOLOGY OF FLOWERING PLANTS, ANATOMY OF FLOWERING PLANTS, CELL: THE UNIT OF LIFE, BIOMOLECULES, CELL CYCLE AND CELL DIVISION, PHOTOSYNTHESIS IN HIGHER PLANTS, RESPIRATION IN PLANTS PLANT GROWTH AND DEVELOPMENT, BREATHING AND EXCHANGE OF GASES BODY FLUIDS AND CIRCULATION, EXCRETORY PRODUCTS AND THEIR ELIMINATION LOCOMOTION AND MOVEMENT, NEURAL CONTROL AND COORDINATION CHEMICAL COORDINATION AND INTEGRATION

SUBJECT-CHEMISTRY

BASIC CONCEPTS OF CHEMISTRY, STRUCTURE OF ATOM, CLASSIFICATION OF ELEMENTS & PERIODICITY IN PROPERTIES, CHEMICAL BONDING AND MOLECULAR STRUCTURE, THERMODYNAMICS, EQUILIBRIUM, REDOX REACTIONS, ORGANIC CHEMISTRY: BASIC PRINCIPLES & TECHNIQUES, HYDROCARBONS

SUBJECT- PHYSICS

UNIT AND DIMENSION, ELECTROSTATICS AND ELECTRIC POTENTIAL, MOTION, MOTION IN PLANE, VECTOR, ROTATIONAL MOTION, FLUIDS MECHANICS THERMAL PROPERTIES OF MATTER, THERMODYNAMICS, WAVES AND OSCILLATION

SUBJECT- MATHEMATICS (041)

SET, COMPLEX NUMBER, BINOMIAL THEOREM, RELATIONS & FUNCTIONS, TRIGONOMETRY, INEQUALITIES, PERMUTATIONS AND COMBINATIONS, SEQUENCE AND SERIES, STRAIGHT LINES, CONIC SECTIONS, THREE-DIMENSIONAL GEOMETRY LIMITS AND DERIVATIVES, PROBABILITY, STATISTICS

SUBJECT- ACCOUNTANCY

INTRODUCTION TO ACCOUNTING, BASIC ACCOUNTING TERMS, ACCOUNTING PRINCIPLES, ACCOUNTING PROCESS, ACCOUNTING STANDARDS, ACCOUNTING EQUATION, DOUBLE ENTRY SYSTEM, SOURCE DOCUMENTS, JOURNAL, GST CASH BOOK, SUBSIDIARY BOOKS, LEDGER, TRIAL BALANCE, BANK RECONCILIATION STATEMENT, DEPRECIATION, PROVISIONS & RESERVES, RECTIFICATION OF ERRORS, FINANCIAL STATEMENTS OF SOLE PROPRIETORSHIP, FINANCIAL STATEMENTS OF SOLE PROPRIETORSHIP FROM INCOMPLETE RECORDS

SUBJECT- ECONOMICS

STATISTICS FOR ECONOMICS-INTRODUCTION, COLLECTION OF DATA, CENSUS AND SAMPLE METHODS OF COLLECTION OF DATA, ORGANIZATION OF DATA, TEXTUAL AND TABULAR PRESENTATION, BAR DIAGRAMS AND PIE DIAGRAMS, HISTOGRAM, POLYGON AND OGIVE, TIME SERIES GRAPHS, ARITHMETIC MEAN, MEDIAN AND MODE, CORRELATION, INDEX NUMBERS

MICROECONOMICS- MICRO ECONOMICS- INTRODUCTION, CONSUMER EQUILIBRIUM, DEMAND, ELASTICITY OF DEMAND, PRODUCTION OF FUNCTION COST, REVENUE, PRODUCER EQUILIBRIUM, SUPPLY AND ELASTICITY OF SUPPLY FORMS OF MARKET STRUCTURE, PRICE DETERMINATION UNDER PERFECT COMPETITION

SUBJECT-B. STUDIES

NATURE AND PURPOSE OF BUSINESS, FORMS OF BUSINESS ORGANISATION.

PUBLIC, PRIVATE AND GLOBAL ENTERPRISES, BUSINESS SERVICES, EMERGING MODES OF BUSINESS, SOCIAL RESPONSIBILITIES OF BUSINESS, SOURCES OF BUSINESS FINANCE, SMALL BUSINESS, INTERNAL TRADE, INTERNATIONAL BUSINESS

SUBJECT-HISTORY

WRITING AND CITY LIFE, AN EMPIRE ACROSS THREE CONTINENTS, NOMADIC EMPIRES, THE THREE ORDERS, CHANGING CULTURAL TRADITIONS, DISPLACING INDIGENOUS PEOPLE, PATH TO MODERNISATION,

SUBJECT- POLITICAL SCIENCE

CONSTITUTION WHY AND HOW, RIGHTS AND DUTIES IN THE INDIAN CONSTITUTION, ELECTION AND REPRESENTATION, THE EXECUTIVE ,THE LEGISLATURE, THE JUDICIARY, FEDERALISM, LOCAL GOVERNMENT, POLITICAL THEORY FREEDOM, EQUALITY, JUSTICE, RIGHTS, CITIZENSHIP, NATIONALISM, SECULARISM, PEACE, DEVELOPMENT

SUBJECT- PSYCHOLOGY

WHAT IS PSYCHOLOGY, METHODS AND ENQUIRY IN PSYCHOLOGY, HUMAN DEVELOPMENT, SENSORY, ATTENTIONAL AND PERCEPTUAL PROCESSES, LEARNING, HUMAN MEMORY, THINKING, MOTIVATION AND EMOTION

SUBJECT-HOME SCIENCE

EVOLUTION OF HUMAN ECOLOGY AND FAMILY, UNDERSTANDING THE SELF, FOOD, NUTRITION, HEALTH AND HYGIENE, MANAGEMENT OF RESOURCES, MEDIA AND COMMUNICATION TECHNOLOGY, CONCERNS AND NEEDS IN DIVERSE CONTEXTS, SURVIVAL, GROWTH AND DEVELOPMENT, NUTRITION, HEALTH AND WELL BEING, OUR APPAREL, HEALTH AND WELLNESS, FINANCIAL MANAGEMENT AND PLANNING,

SUBJECT-PHYSICAL EDUCAION (048)

CHANGING TRENDS & CAREER IN PHYSICAL EDUCATION, OLYMPISM, YOGA, PHYSICAL EDUCATION AND SPORTS FOR CWSN, PHYSICAL FITNESS, HEALTH AND WELLNESS, TEST, MEASUREMENT AND EVALUATION, FUNDAMENTALS OF ANATOMY, PHYSIOLOGY IN SPORTS, FUNDAMENTALS OF KINESIOLOGY AND BIOMECHANICS IN SPORTS, PSYCHOLOGY AND SPORTS, TRAINING AND DOPING IN SPORTS

SUBJECT-WEB APPLICATION

PART A - COMMUNICATION SKILL, ICT, SELF MANAGEMENT, ENTREIPENURESHIP, GREEN SKILLS

PART B - NETWORKING AND WEB ARCHITECTURE, MULTIMEDIA DESIGN – GIMP, INTRODUCTIONS TO DYNAMIC WEBSITES USING JAVASCRIPT

SUBJECT- RETAIL

EMPLOYABILITY SKILLS- COMMUNICATION SKILLS, SELF-MANAGEMENT SKILLS, ICT SKILLS, ENTREPRENEUR SKILLS, GREEN SKILLS

RETAIL BOOK- FUNDAMENTALS OF RETAILING, PROCESS OF CREDIT APPLICATION, MECHANISM FOR CUSTOMERS TO CHOOSE RIGHT PRODUCTS SPECIALIST SUPPORT TO CUSTOMERS, HEALTH AND SAFETY MANAGEMENT

SUBJECT- COMPUTER SC.

(COMPUTATIONAL THINKING AND PROGRAMMING-I), (COMPUTER SYSTEMS AND ORGANISATION), SOCIETY, LAW AND ETHICS

SUBJECT-PAINTING (049)

PRACTICAL - STILL-LIFE DRAWING, FACE DRAWING, HUMAN FIGURE DRAWING, LANDSCAPE, PERSPECTIVE DRAWING, FIGURATIVE COMPOSITION

THEORY- ART AN INTRODUCTION, PREHISTORIC ROCK PAINTING AND ART OF INDUS VALLEY, THE ART DURING MAURYA, SHUNGA, KUSHAN AND GUPTA PERIOD THE ART OF AJANTA CAVES, ARTISTIC ASPECT OF INDIAN TEMPLE. SCULPTURES, INDIAN BRONZE SCULPTURES SOME ARTISTIC ASPECTS OF INDO-ISLAMIC ARCHITECTURE

SUBJECT- HEALTHCARE

BOOK 1- HOSPITAL MANAGEMENT SYSTEM, ROLE OF GENERAL DUTY ASSISTANT FOR OUTPATIENT CARE , ROLE OF GENERAL DUTY ASSISTANT FOR INPATIENT CARE, FIRST AID, MAINTAINING SAFE, HEALTHY AND SECURE ENVIRONMENT
BOOK 2- SELF - MANAGEMENT SKILLS, INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS