

Carmel Convent Senior Secondary School
Class XII Syllabus (2021-22)

ENGLISH CORE

MONTH	UNIT/BOOK	WRITING SKILLS
APRIL	FLAMINGO/ UNIT 1 'The Last Lesson' - Alphonse Daudet Poem: 'My Mother At 66' Kamala Das Vistas / Unit 1 'The Third Level'- Jack Finny Flamingo / Unit 2 'Lost Spring' - Aneez jung	Comprehension (Two passages with multiple choice) Notice Writing Advertisements 1.For Rent 2. Situation Vacant 3. Situation Wanted 4. Matrimonial Writing skills cont.
JULY	Flamingo/unit3 Deep Water-William Douglas Flamingo/unit4 The Rattrap-Selma Lagerloff Poem-'An Elementary School Classroom in a Slum' Stephen Spender Poem: 'Keeping Quiet'-Pablo Neruda Poem: A thing of beauty-John Keats	INVITATIONS a.formal b.informal AD'S a. Public Notice b. Appeal c. Purchase/Sale d, Lost/Found/Missing-person, object.pet. Job Application Letter to Editor
AUGUST	Flamingo/unit 5. Indigo-Louis Fisher. Vistas/unit 4 The Enemy- Pearl.S,Buck Poem: Aunt Jennifer's Tigers-Adrienne Rich	ADS-Travel and Tourism Educational Article Writing
SEPTEMBER	Vistas-Unit 5-Should Wizard Hit Mommy.- John Updike. Unit 6-On the face of it-Susan Hill	Report Writing-1.News Paper 2. Magazine.
OCTOBER	Vistas/unit 7-Evans Tries O Level-Colin Dexter.	ASL WILL START IN JULY. STUDENTS MAY NOTE -ALL ASL'S MUST BE TAKEN IN THE GIVEN SCHEDULE AS MENTIONED IN THE EXAM TIME TABLE.

BUSINESS STUDIES

MONTH	UNIT	TOPIC
MARCH & APRIL	1 2 11	NATURE AND SIGNIFICANCE OF MANAGEMENT PRINCIPLES OF MANAGEMENT MARKETING MANAGEMENT + PROJECT WORK
MAY & JULY	3 4	BUSINESS ENVIRONMENT PLANNING

	5	ORGANISING + PROJECT WORK
AUGUST	6 7	STAFFING DIRECTING
SEPTEMBER	8	CONTROLLING & REVISION FOR QUARTERLY EXAMINATION
OCTOBER	9 10	FINANCIAL MANAGEMENT FINANCIAL MARKET + PROJECT WORK
NOVEMBER	12	CONSUMER PROTECTION REVISION FOR HALF-YEARLY EXAMINATION + PROJECT WORK
DECEMBER	---	REVISION OF ENTIRE SYLLABUS FOR PRE-BOARD EXAMINATION

ACCOUNTANCY

MONTH	TOPIC COVERED
APRIL	PART-B Unit- 4 <ul style="list-style-type: none"> • Financial Statements of a company • Accounting for Partnership Firm • Fundamentals
JULY	PART-A Unit -2 Accounting for Partnership Firm <ul style="list-style-type: none"> • Fundamentals • Goodwill: Nature and Valuation • Change in Profit-sharing ratio among the existing partners • Admission of a Partner
AUGUST	Unit-2 Accounting for Partnership Firm <ul style="list-style-type: none"> • Retirement of a Partner • Death of a Partner • Dissolution of a Partnership Firm • Tools of Financial Statement Analysis- Comparative Statements and Common – Size Statements
SEPTEMBER	PART –B <ul style="list-style-type: none"> • Accounting Ratios
OCTOBER	PART-A Unit-3 Accounting for Companies <ul style="list-style-type: none"> • Accounting for Share capital • Accounting for Debentures • Redemption of Debentures
NOVEMBER	PART-B Unit-5 <ul style="list-style-type: none"> • Cash Flow Statement • Financial Statement Analysis
DECEMBER	PART-A Unit-1 <ul style="list-style-type: none"> • Financial Statement of Not-for-Profit Organisations

ECONOMICS

MONTH	Name of the Chapter
April	3 → Macro-Chapter 1 : Some basic concepts of Macro Economics 2→ Macro → Chapter 2 : National Income and related aggregates. 6→ Macro → Chapter 3 : Methods of calculating national Income. 1→ Extra questions → Recapitulations.
July	2→ Macro → Chapter 4 → Money. 5→ Macro → Chapter 4→ Banking. 7→Indian Economic Development → Chapter 1 : Indian Economy at the time of Independence. 7→ Indian Economic Development → Chapter 2 : Five year planning goals and achievements. 3→ Pre quarterly examination 5→Indian Economic Development Chapter 4 : Features, problems and policies of agriculture. 6→ Chapter 5 : India's Foreign trade. 6→ Chapter 6 : Economic Reforms since
August	3→ Macro Economics →Chapter 6 : Aggregate Demand and its components. 8→ Macro Economics → short run equilibrium 6→Indian Economic Development → Chapter 7 : Poverty. 6→ Indian Economic Development → Chapter 8 : Human Capital formation.
September	4→ Indian Economic Development Chapter 9 : Rural Development. 2→ Revision for Quarterly Examination 5, 6 → Quarterly Examination. 2→ Rural Development → Continued 5→ Problem of excess Demand and Deficient Demand.
October	Indian Economic Development → Chapter 10 4→ Employment and unemployment 4 Indian Economic Development → Chapter 11, Infrastructure. 4→ Macro Economics → Chapter 9 : → Government Budget.
November	→ Macro Economic → Chapter 10 4→ Foreign Exchange. 4→ Balance of Payment. 6→ Indian Economic Development Chapter 12 : Environment and Sustainable Development. 7→ Chapter 13 : Development Experience of India, Pakistan and China → A comparative study.
December	XII standard Project Work Revision Christmas holiday

BIOLOGY

MONTH	CHAPTER
APRIL	UNIT – 1 Reproduction
JULY	UNIT - 2 Genetics And Evolution
AUGUST	UNIT – 3 Biology And Human Welfare
OCTOBER	UNIT – 4 Biotechnology And Its Application
NOVEMBER	UNIT – 5 Ecology And Environment

CHEMISTRY

MONTH	NAME OF THE CHAPTER
APRIL	UNIT I- Solid State
JULY	UNIT II- Solutions UNIT III- Electrochemistry UNIT IV - Chemical Kinetics.
AUGUST	UNIT V- Surface Chemistry UNIT VI General Principles And Processes Of Isolation Of Elements UNIT VII - P- block elements
SEPTEMBER	REVISION WITH CLASS TEST
OCTOBER	UNIT VIII – d and f block elements Unit IX – Coordination Compounds
NOVEMBER	UNIT X - Haloalkanes And Haloarenes UNIT XI - Alcohols , Phenols and Ethers UNIT XII – Aldehyde, Ketones and Carboxylic acids UNIT XIV – Amines
DECEMBER	REVISION + EXAM

PHYSICS

MONTH	NAME OF THE CHAPTER
APRIL	UNIT I : Electrostatics 1. Electric charges and field
JULY	2. Electric potential and capacitance UNIT II – Current Electricity 3. Current Electricity UNIT III - Magnetic effect of current AND Magnetism 4. Moving Charges and Magnetism
AUGUST	5. Magnetism and Matter UNIT IV - Electromagnetic induction and Alternating current 6. Electromagnetic induction 7. Alternating current
SEPTEMBER	UNIT V - Electromagnetic wave 8. Electromagnetic wave 9. Ray optics and optical instruments
OCTOBER	UNIT VI - Optics 10. Wave optics UNIT VII Dual nature of Radiation and matter 11. Dual nature of Radiation and matter
NOVEMBER	UNIT VIII – Atoms and Nuclei 12. Atoms 13. Nuclei
DECEMBER	UNIT IX – Electronic Devices 14. Semiconductor, Electronics :Materials , Devices and simple circuit

MATHEMATICS

Month	Chapter
MARCH	Chapter 3 Matrices (contd...)
APRIL	Chapter 3 Matrices

	Chapter 4 Determinants
JUNE	Chapter 2 Inverse trigonometry Chapter 5 Continuity and Differentiability(contd...)
JULY	Chapter 5 Continuity and Differentiability Chapter 6 Applications of Derivatives
AUGUST	Chapter 7 Integrals Chapter 13 Probability Chapter 12 Linear Programming Problem
OCTOBER	Chapter 8 Application of Integrals Chapter 9 Differential Equations Chapter 10 Vector Algebra
NOVEMBER	Chapter 11 3 Dimensional Geometry Chapter 1 Relation and functions

APPLIED MATHEMATICS

Month	Chapters
APRIL - MAY	4, Matrices 5, Determinants (till ex. 5.4)
JUNE	3, simultaneous linear equations
JULY	6, Applications of derivatives 2, Numerical in equality
AUGUST	1, Numbers, quantification and Numerical applications 7, Integrals 8, Differentials equations
SEPTEMBER	9, Probability 15, Linear Programming
OCTOBER	10, Inferentails statistics 11, Index Numbers and Time based data
NOVEMBER	12, Perpetuity, Sinking funds, Bonds and EMI 13, Stock, Shares and debentures
DECEMBER	14, Return, Growth and Depreciations

POLITICAL SCIENCE

MONTH	NAME OF THE CHAPTER
APRIL-MAY	Ch.1(book1)-The cold war era
JULY	Ch.2-The End Of Bipolarity Ch.3-U.S Hegemony in World Politics
AUGUST	Ch.4-Alternative Centres Of Power Ch.5-Contemporary South Asia Ch.6-International Organisations
SEPTEMBER	Ch7-Security in the Contemporary World Ch.8-Enviornment and Natural Resources Ch.9-Globalisation
OCTOBER	Ch.10(book 2)-Challenges Of Nation Building Ch.11-Era of One Party Dominance Ch.12-Politics of Planned Development
NOVEMBER	Ch.13-India's External Relations Ch.14-Challenges to and Restoration of the Congress System Ch.15-The Crises of Democratic Order Ch. 16-Rise of Popular Movements

DECEMBER	Ch.17-Regional Aspirations Ch.18.-Recent Developments in Indian Politics
JANUARY	PRE BOARDS

HISTORY

MONTH	CHAPTER
APRIL	THEME 1 Bricks, Beads and Bones
JULY	THEME 2 Kings, Farmers and Towns THEME 3 Kinship, Caste and Class THEME 4 Thinkers, Beliefs and Buildings
AUGUST	THEME 5 Through the eyes of Travelers THEME 6 Bhakti- Sufi Traditions
SEPTEMBER	THEME 7 An imperial capital, Vijaynagara THEME 8 Peasants, Zamindars and State
OCTOBER	THEME 9 Kings and Chronicles THEME 10 Colonialism and the countryside THEME 11 Rebels and the Raj
NOVEMBER	THEME 12 Colonial Cities THEME 13 Mahatma Gandhi and the Nationalist Movement
DECEMBER	THEME 14 Understanding Partition THEME 15 Framing the Constitution

PHYSICAL EDUCATION

MONTH	CHAPTER
APRIL (ONLINE CLASSES)	1. PLANNING IN SPORTS <ul style="list-style-type: none"> ● meaning and concept ● various committees and their responsibility ● tournaments: knock-out, league, league cum knock-out ● intramurals and extramural ● specific sports program
	2. SPORTS AND NUTRITION <ul style="list-style-type: none"> ● balance diet: macro and micro nutrients ● components of diet ● factor affecting diet ● eating disorders ● energy requirement
	3. YOGA AND LIFESTYLE <ul style="list-style-type: none"> ● asana as preventive measures ● obesity, asthma, hypertension, backpain ● procedure, benefits and contraindication ● types of asana ● elements of yoga ● types of pranayama
	4. PHYSICAL EDUCATION AND SPORTS FOR DIFFERENTLY ABLED <ul style="list-style-type: none"> ● concept of disability and disorder ● types of disability (cognitive, intellectual, physical disability) ● types of disorder (ADHD, SPD, ASD, OCD, ODD) ● disability etiquettes ● strategies to make physical activities

JULY/	<p>5. CHILDREN IN SPORTS</p> <ul style="list-style-type: none"> • motor development and factor affecting it • exercise guideline at different stages • weight training • posture (advantage, causes) • postural deformity • corrective measure
AUGUST	<p>6. WOMEN IN SPORTS</p> <ul style="list-style-type: none"> • sports participation of women in india • special consideration • female athlete triad • psychological and sociological aspect of sports participation <p>7. TEST AND MEASUREMENT IN SPORTS</p> <ul style="list-style-type: none"> • Kraus Weber test, AAHPER, motor fitness, Rikli and Jones, Harvard step test • Computation of fat percentage • Six minute walk test
SEPTEMBER	<p>8. PHYSIOLOGY AND INJURIES IN SPORTS</p> <ul style="list-style-type: none"> • Gender differences • Physiological factor determining components of physical fitness. • Effect of exercise on various systems of the body • Physiological changes due to aging. <p>9. SPORTS MEDICINE</p> <ul style="list-style-type: none"> • CONCEPT, AIM AND SCOPE OF SPORTS MEDICINE • First aid aim and objective • Sports injuries: classification, cause and prevention • Management of injuries
OCTOBER	<p>10. KINESIOLOGY, BIOMECHANICS AND SPORTS</p> <ul style="list-style-type: none"> • Meaning and importance of biomechanics • Newton's law of motion • Aerodynamics in sports • Friction and sports • Types of movements • Introduction to axes and planes <p>9. PSYCHOLOGY AND SPORTS</p> <ul style="list-style-type: none"> • Understanding stress and coping strategies. • Personality • Motivation • Self esteem • Psychological benefits of exercise
NOVEMBER	<p>12. TRAINING IN SPORTS</p> <ul style="list-style-type: none"> • Strength, speed, endurance, flexibility, coordinative ability(definition, types method of development) • Circuit training and high altitude training.
DECEMBER	

MONTH	UNITS
APRIL	UNIT 2- COMPUTER NETWORKS UNIT 1 - programming and Computational thinking Python revision tour Working with Functions
JULY	UNIT 1 - programming and Computational thinking Review of Functions in Python Using Python libraries
AUGUST	UNIT 1 - programming and Computational thinking Data File Handling
SEPTEMBER	CHAPTER 5 – Program Efficiency
OCTOBER	UNIT 3 –Database management Database concepts, Relational data model SQL(Structures Query Language) – General concept, data types, SQL commands SQL Functions
NOVEMBER	Interface of Python with an SQL database <ul style="list-style-type: none"> - Connecting SQL with Python - Creating Database connectivity Applications - Performing Insert, Update, Delete queries - Display data by using fetchone(), fetchall(), rowcount
DECEMBER	Idea of efficiency

HINDUSTANI MUSIC (VOCAL)

MONTH	THEORY(30 MARKS)	PRACTICAL
March & April	Definition- Alankar, Varna, Kan Meend, Khatka, Murki, Gamak, Grama, Murchna, Alaap, Taan , Sadra, Dadra , Gram	Alankar + Lay
May	Taal Notation	Taal (4)
July	a- Classification of Raag b- Time theory of Raag	Raag + Tarana
August	Detail study of the- a- Sangeet Ratnakar b- Sangeet Parijat	Raag + Dhamar
September	Exam (quarterly)	
October	Raag Varnan	Raag
November	Contributions of Musicians- a- Ustad Abdul Karim Khan b- Ustad Faiyaz Khan c- Ustad Bade Gulam Ali Khan d- Pt. Vaishna Rao S. Pandit	Raag Ability to recognize the Ragas
December	Revision + Exam	Revision
January	Pre-Board	

PAINTING

MONTH	SYLLABUS
APRIL	Rajsthani School of Miniature Painting. . Six limbs of Indian Painting.
JULY	Pahari School of Miniature Painting Mughal School of Miniature Painting. Paintings of Mughal School.
AUGUST	Bengal School of Painting. Deccan School of Miniature Painting. Evolution of Indian National Flag.
SEPTEMBER	Bengal School of Painting. Artist of Bengal School , Contribution of the artist of Bengal School in National Freedom Struggle. Evolution of Modern Trends in Indian Art REVISION
OCTOBER	Modern Trends in Indian Art (Painting) Modern Trends in Indian Art (Graphics)
NOVEMBER	Modern Trends in Indian Art (Sculpture)
DECEMBER	REVISION
NOTE:	NOTE : Sheets for practical will be adjusted throughout the Session i.e from July to December for std . XI and April to December for std. XII.

HINDI

महीना	पाठ
अप्रैल- मई	1. भक्तिन(गद्य) 2.(अ)आत्म परिचय) पद्य (ब)एक गीत (पद्य)
जुलाई	1. बाजार दर्शन 2. काले मेघा पानि दे 3. पतंग (पद्य) जनसंचार
अगस्त	1. पहलवान की ढोलक 2. चार्ली चैपलिन यानी हम सब 3. कैमरे में बंद अपाहिज 4.उषा (गद्य) वितान:सिल्वर वैडिंग
सितंबर	1. नमक(गद्य) 2. बादल राग(पद्य) 3. कवितावली(पद्य) 4. लक्ष्मण-मूर्च्छा और राम का विलाप(पद्य) 5.वितान:जूझ
अक्टूबर	1.शिरीष के फूल(गद्य) 2.(अ)रुबाइयाँ (ब) गजल(पद्य)

	जनसंचार(फीचर, आलेख, पत्र लेखन)
नवम्बर	1.श्रम विभाजन और जाति प्रथा 2.कल्पना का आदर्श समाज 3.(अ)छोटा मेरा खेत(ब) बगुलों केपंख(पद्य)
दिसम्बर	1.वितान:अतीत में दबे पाँव 2.डायरी के पन्ने 3.विद्यार्थियों की आवश्यकता अनुसार पढ़ाए गए पाठों की पुनरावृत्ति करवाई जाएगी।

KATHAK

Month	Practical	Theory	Step & Riyaz
April	Tehai, Rupak Taal, Amad	1.Acquaintance with the life sketch of few great exponents from pas and few from present of the Dance form 2. Acquaintance with the life sketch of few great exponents from pas and few from present of the Dance form	Teen Taal Chakkars Knowledge of Indian Dance
July	Vandana, Thaata, 2nd Tehai, Keharv a Taal, Toda	3.Elementary introduction to the text Natyashastra, Abhinaya Darpan: A) Identification of the author and (approximate date). B) Myths regarding the origin of dance according to each text. C)Basic knowledge regarding the whole of each text, Natyashastra, Abhinaya Darpan	Teentaal Practice Ekgun, Dugun, Tegun, Chaugun and Knowledge about the Indian Culture of Dance
August	2nd Toda Tukda 2nd Amad Chakkardar Tihai	4. Basic understandig of the term ABHINAYA and definition of its four aspects angika, vachika, aharya, satvika. 5. Aquitance of the three gharanas of kathak dance (Lucknow, Jaipur, Banaras)	Three Lags Chakkars and One Lags Chakkars
September	Paran, Chakkardar Paran, Naika	6. Rasa: Definition and explanation of nine rasas. 7. Knowledge of the following terms (short note) sangeet, tal, Laya, Sthana, Chari, Gati, Mandala, Karana angahara, Bhramari, Utplavana, Locdharmi, Natyadharmi, Rasa and bhava.	Mudras, Hastak Line finishing

October	All three Nayaka Gatnikas and Ram Bhajan	8. Knowledge of the technical terminology of the dance form. a) Definition of the following. 1. Vandana 2. Tihaayi 3. Aamad 4. Toda/ Tukraa 5. Paran	Developed the lay Skill and taal with lags movement and assailment
		6. Chakkardar Toda/ Tukraa and paran 7. Gatnikas	
November	Taal - Dadra and Ladi, Gatbhav	9. Acquaintance with the traditional costumers and make up. a) Knowledge of theka of dadra, kaharwa, roopak b) Definition of Tali, Khali, Sam, Tihaayi. c) Ability to Notate Tukraa/ Toda and Paran	Parhant of Tukda/ Toda with Hastakriya
December	Practice	Revision	Revision

BHARATNATYAM

Month	THEORY	PRACTICAL
April	April: Revision Meenakshi Sundaram	Revision :Two hand mudra full Pillai
July	contents of the Abhinaya Darpana, Tandava, Lasya, Lokadharmi, Natyadharmi	Shabdham, Pallavi
August	Sthana, Chari, Mandala Tala, Laya, Sangeeta	Anupallavi, Charanam
September	Nine rasa	Revision of Shabdham
October	Bharamari, Utplavana Avartana, yati	Thillana
November	Makeup and costume Of Bharathanatyam	Anupallavi and Charanam, Viniyoga two hand Mudra 10
December	Talanga, kuttanam, korvai Karvai, nattuvangam, arangetram	Revision