

**Carmel Convent Sr. Sec. School**  
**Syllabus for Class XII (2019-2020)**

**ENGLISH**

<b>MONTH</b>	<b>CHAPTER</b>
<b>MARCH/APRIL</b>	<b>Flamingo</b> -Poem: 'My Mother at Sixty Six' Kamala Das Unit 1 – The Last Lesson – Alphonse Daudet Poem – An Elementary School Class Room in a Slum – Stephen Spender <b>Writing Skill:</b> Matrimonials/For Rent/Sit. Vacant/ Wanted/Invitations <b>Flamingo</b> – Poem 'Keeping Quiet – Pablo Neruda Unit 3 – Deep Water – William Douglas Unit 2 – Lost Spring – Anees Jung
<b>MAY/JULY</b>	<b>Writing Skill</b> – Public Notice Medical Appeal/Display Ads. For Purchase/Missing For Sale/Travel and Tours/Lost & found Literature: Flamingo – Poem – (i) 'A Thing of Beauty' – John Keats Poem: 'Aunt Jennifer's Tigers' – Adrienne Rich Unit 4 – The Rat Trap – Selma Lagerloff Poem – The Road Side Stand-Robert Frost Unit 6 – Indigo – Louis Fisher <b>Writing Skills</b> – Job Applications, Business Letters (Placing orders, cancellations, tenders, complaint, change of order)
<b>AUGUST</b>	<b>Flamingo</b> – Unit 6 – Going Places – AR Burton Unit - Poets and Pancakes (Flamingo) (Ashokamitran) <b>Vistas</b> – Unit - The Enemy – Pearl.S Buck Unit – The Third Level-Jack Finney
<b>SEPTEMBER</b>	<b>Vistas</b> (4) Should Wizard Hit Mommy – John Updike (2) Journey To The End Of The World-Tishant Doshi <b>Writing Skills</b> : Official Letters/Report Writing
<b>OCTOBER</b>	(5) On The Face Of It (Susan Hill ) (6) Evans Tries an O Level – Colin Dexter. (7) The Cutting Of My Long Hair – Zit-kala-Sa We too are Humans-Bama (8) <b>Writing Skills</b> : Letters of Appreciation, Auction

**BIOLOGY**

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

## CHEMISTRY

MONTH	CHAPTER
April	1) Solutions 2) Electrochemistry
July	3) Chemical kinetics. 4) surface chemistry
August	5) General principles of extraction 6) P- block elements 7) d- f block elements 8) Co-ordination compounds
September	Revision with class test
October	9) Haloalkanes and Haloarenes 10) Alcohols and phenols 11). Aldehyde and ketones 12) Amines
November	13) Biomolecules 14) Polymers 15) Chemistry in every day life

## PHYSICS

MONTH	TOPIC
APRIL	1. Electric charges and field 2. Electric potential and capacitance
JULY	1. Electricity 2. Magnetic effect of current 3. Magnetism and matter
AUGUST	1. Electromanetic induction 2. Alternating current
SEPTEMBER	1. Ray optics 2. Wave optics 3. Dual nature of matter and radation
OCTOBER	1. Electromanetic wave 2. Atom 3. Nucleus
NOVEMBER	1. Solid and semiconductor 2. Communication

## MATHEMATICS

Month	Chapter
March	Chapter 3 Matrices
April	Chapter 3 Matrices Chapter 4 Determinants
June	Chapter 2 Inverse trigonometry Chapter 5 Continuity and Differentiability
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

## ACCOUNTANCY

MONTH	SYLLABUS
APRIL	*Accounting for share capital *Part –B Financial statement of company
JULY	*Accounting for Debentures Issue of Debentures Redemption of debenture *Accounting for partnership Firms Fundamental Goodwill nature and valuation Change in profit sharing ratio Admission of a partner
AUGUST	*Admission of a partner contd..... *Retirement &Death of a partner *Dissolution of a Partnership Firm *Part-B Ratio Analysis
SEPTEMBER	*Part –B Ratio Analysis contd.....
OCTOBER	*Financial Statement of Not for profit organization *Tools of Financial statement of analysis
NOVEMBER	*Cash Flow statement *Financial statement of Analysis

## BUSINESS STUDIES

MONTH	CHAPTER
MARCH & APRIL	1) Nature and significance of management 2) Principles of management 11) Marketing management
MAY & JULY	3) Business environment 4) Planning 5) Organizing
AUGUST	6) Staffing 7) Directing
SEPTEMBER	8) Controlling & revision for quarterly examination
OCTOBER	9) Financial management 10) Financial market
NOVEMBER	12) Consumer protection & revision for half-yearly examination
DECEMBER	Revision of entire syllabus for pre-board examination

## ECONOMICS

MONTH	MACRO ECONOMICS	ECONOMIC DEVELOPMENT
APRIL	1.Introduction. 2.Basic Concepts Of Macro Economics 3.Aggregates 4.Measurements	
JULY	5.Money 6.Banking	1.Economy Begore Independence 2.L.P.G. 3.Ndian Economy 1950 -1990
AUGUST	7.Aggregate Demand 8.Short Rin Equilbirium	4.Poverty 5.Human Capital
SEPTEMBER	9. Excess And Deficient Demand 10 Govt Budget	6. Rural Development 7.Employment
OCTOBER	11 Foreign Exchange 12 B.O.P.	8 Inflation 9. Infra Structure
NOVEMBER		10 Environment And Development 11 India and Its Neighbours

## POLITICAL SCIENCE

MONTH	CHAPTER
March April	World Politics(Part A)-L 1-The Cold War Era L 2-The End Of Bipolarity L 3-U.S.Hegemony In World Politics L 4-Alternative Centres Of Power
July	Politics In India Since Independence(Part B) L 10-Challenges Of Nation Building L 11-Era Of One Party Dominance
August	L 12-Politics Of Planned Development L 13-India's External Relations L 14-Challenges To And Restoration Of The Congress System
September	Part A-L 5-Contemporary South Asia Lesson 6-International Organisations
October	L 7-Security In The Contemporary World L 8-Environment And Natural Resources L 9-Globalisation
November	Part B L 15-The Crisis Of Democratic Order L 16-Rise Of Popular Movements L 17-Regional Aspirations
December	L18-Recent Developments In Indian Politics

## HISTORY

MONTH	CHAPTER
March April	Chapter 1 Bricks, Beads and Bones Chapter 2 Kings, Farmers and Towns Chapter 3 Kinship, Caste and Class Chapter 4 Thinkers, Beliefs and Buildings
July	Chapter 5 Through the eyes of Travelers Chapter 6 Bhakti- Sufi Traditions Chapter 7 An imperial capital, Vijaynagara
August	Chapter 9 Peasants, Zamindars and State Chapter 10 Kings and Chronicles
September	Chapter 11 Colonialism and the countryside
October	Chapter 12 Rebels and the Raj Chapter 13 Colonial Cities
November	Chapter 14 Mahatma Gandhi and the Nationalist Movement Chapter 15 Understanding Partition
December	Chapter 16 Framing the Constitution

## PAINTING

MONTH	TOPIC
APRIL	<ul style="list-style-type: none"><li>• Rajasthani School Of Miniature Paintings</li><li>• Pahari School Of Miniature Paintings</li></ul>
JULY	<ul style="list-style-type: none"><li>• Mughal School of Miniature Painting</li><li>• Deccan School of Miniature Painting</li></ul>
AUGUST	<ul style="list-style-type: none"><li>• Evolution of Indian National Flag</li><li>• Bengal School of Art</li><li>• Modern Trends in Indian Art</li></ul>
SEPTEMBER	Revision
OCTOBER	<ul style="list-style-type: none"><li>• Contribution of Indian artists in National Freedom Struggle</li><li>• Artists of Modern Trends</li></ul>
NOVEMBER	REVISION

## COMPUTER

MONTH	CHAPTER
March April	Ch-13 Boolean Algebra, ch1 C++ revision tour, ch-3 Function overloading, ch-14 Networking Ch-4 Classes and objects (contd)
July	Ch-4 Classes and objects Ch-2 Object-Oriented programming Ch-5 Constructors and Destructors Ch-6- Inheritance
August	Ch-7 Data File handling Ch-8 Pointers
September	Ch-9 Arrays
October	Ch-10 Linked lists, stacks and queues
November	Ch-11 Database concepts Ch-12 SQL
December	Revision

## KATHAK

Month	Theory	Practical
APRIL	Other classical dance forms, life sketch pt. Birju maharaj and maharaj chakradhar singh, introduction of natyashastra	Practice of tatkar, hastak vandana
JUNE	Lucknow Gharana, Jaipur Gharana and explanation of Ras	Practice of bols and bandish
JULY	Sageet, laya, m karan-angahar, vandan tihaayi, aamad, sam toda tukara and notation of teental and jhaptal. dadaratal.	Practice of different paran, bols ladi
AUGUST	Notation of toda-tukara in teental, talke dasparan	Practice of gatbhava and gatnikas
NOVEMBER	Abhinaya bheda, paran, chakardar, gatnikas, gatbhava, notation of kaharwatal, rupaktal, paran in teental, nayikabheda	Practice of Jhaptal
DECEMBER	Revision	Practice of all bols in teental and Jhaptal
JANUARY	Revision	Practice of all bols in teental

## BHARATNATYAM

MONTH	TOPIC [THEORY]	PRACTICAL
APRIL	Contents of Abhinaya Darpana	Practice of Adavu and Alarippu
JUNE	Life History of Meenakshi Sundaram Pillai and Tanjore Quartelate	Practice of Padam
JULY	Other classical dance Forms	Shabdham
AUGUST	Knowledge of the following terms Nritta , Natya , Tandava, Lasya, Lok dharm, Natya Dharmi	Practice of Padam and Shabdham
SEPTEMBER	Revision	Revision
OCTOBER	Anga, Upanga, Pratyanga, Abhinaya [ Angika, Vachika, Satvika, Aharya]	Practice of one hand and two hand mudra
NOVEMBER	Sangeeta, Tala, laya and Rasa[9]	Tillana
DECEMBER	Sthayi Bhava, Sanchari Bhava, Sthana Chari, Mandala, Bharmari, Utplavana	Practice of Tillana
JANUARY	Revision	Practice of Ability to say Tala

## HINDUSTANI VOCAL MUSIC

Month	Theory	Practical
March & April	Definition- Alankar, Varna, Kan Meend, Khatka, Murki, Gamak, Grama, Murchna, Alaap, Taan	Alankar + Lay
May	Taal Notation	Taal (4)
July	1. Classification of Raag 2. Time theory of Raag	Raag + Tarana
August	Detail study of the- 1. Sangeet Ratnakar 2. 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	

## विषय हिन्दी (केंद्रिक)

माह	पाठ्यपुस्तक – 1. आरोह 2. वितान 3. जन संचार
मार्च अप्रैल	1 भवित्तन 2 बजार दर्शन 3 आत्मा परिचय / एक गीत 4 सिल्वर वेडिंग (वितान / जनसंचार/पत्र)
जुलाई	काले मेघा पानी दे , पहलवान की ढोलक पतंग, उषा , कविता के बहाने /बात सीधी थी पर जूझ (वितान)
अगस्त	चार्ली चैप्लिन यानी हम सब , नमक कैमरे में बंद अपाहिज , सहर्ष स्वीकारा है अनुच्छेद लेखन
सितम्बर	बगुलो के पंख (त्रैमासिक परीक्षा)
अक्टुबर	शिरीश के फूल अतीत के दबे पाँव (वितान) तुलसीदास
नवम्बर	श्रम विभाजन और जाति प्रथा मेरी कल्पना का आदर्श समाज रूबाइयाँ/गजल
दिसंबर	पूर्वभ्यास परीक्षा
जनवरी	प्री. बोर्ड परीक्षा



## PHYSICAL EDUCATION

MONTH	CHAPTER
<b>MARCH</b>	<p>1. PLANNING IN SPORTS</p> <ul style="list-style-type: none"> <li>• meaning and concept</li> <li>• various committees and their responsibility</li> <li>• tournaments: knock-out, league, league cum knock-out</li> <li>• intramurals and extramurals</li> <li>• specific sports programme</li> </ul> <p>2. SPORTS AND NUTRITION</p> <ul style="list-style-type: none"> <li>• balance diet: macro and micro nutrients</li> <li>• components of diet</li> <li>• factor affecting diet</li> <li>• eating disorders</li> <li>• energy requirement</li> </ul>
<b>APRIL</b>	<p>3. YOGA AND LIFESTYLE</p> <ul style="list-style-type: none"> <li>• asana as preventive measures</li> <li>• obesity, asthma, hypertension, backpain</li> <li>• procedure, benefits and contraindication</li> <li>• types of asana</li> <li>• elements of yoga</li> <li>• types of pranayama</li> </ul> <p>4. PHYSICAL EDUCATION AND SPORTS FOR DIFFERENTLY ABLED</p> <ul style="list-style-type: none"> <li>• concept of disability and disorder</li> <li>• types of disability (cognitive, intellectual, physical disability)</li> <li>• types of disorder (ADHD, SPD, ASD, OCD, ODD)</li> <li>• disability etiquettes</li> <li>• strategies to make physical activities</li> </ul>
<b>JULY</b>	<p>5. CHILDREN WOMEN AND SPORTS</p> <ul style="list-style-type: none"> <li>• motor development and factor affecting it</li> <li>• exercise guideline at different stages</li> <li>• weight training</li> <li>• posture (advantage, causes)</li> <li>• postural deformity</li> <li>• corrective measure</li> </ul>
<b>AUGUST</b>	<ul style="list-style-type: none"> <li>• sports participation of women in india</li> <li>• special consideration</li> <li>• female athlete triad</li> <li>• psychological and sociological aspect of sports participation</li> </ul> <p>6. TEST AND MEASUREMENT IN SPORTS</p> <ul style="list-style-type: none"> <li>• Kraus Weber test, AAHPER, motor fitness, Rikli and Jones, Harvard step test</li> <li>• Computation of fat percentage</li> <li>• Six minute walk test</li> </ul>

<p><b>SEPTEMBER</b></p>	<p>7. PHYSIOLOGY AND SPORTS AND INJURIES IN SPORTS</p> <ul style="list-style-type: none"> <li>• Gender differences</li> <li>• Physiological factor determining components of physical fitness.</li> <li>• Effect of exercise on various systems of the body</li> <li>• Physiological changes due to aging.</li> <li>• CONCEPT AIM AND SCOPE OF SPORTS MEDICINE</li> <li>• First aid aim and objective</li> <li>• Sports injuries: classification, cause and prevention</li> <li>• Management of injuries</li> </ul>
<p><b>OCTOBER</b></p>	<p>8 KINESIOLOGY, BIOMECHANICS AND SPORTS</p> <ul style="list-style-type: none"> <li>• Meaning and importance of bio mechanics</li> <li>• Newton's law of motion</li> <li>• Aerodynamics in sports</li> <li>• Friction and sports</li> <li>• Types of movements</li> <li>• Introduction to axes and planes</li> </ul> <p>9. PSYCHOLOGY AND SPORTS</p> <ul style="list-style-type: none"> <li>• Understanding stress and coping strategies.</li> <li>• Personality</li> <li>• Motivation</li> <li>• Self esteem</li> <li>• Psychological benefits of exercise</li> </ul>
<p><b>NOVEMBER</b></p>	<p>10. TRAINING IN SPORTS</p> <ul style="list-style-type: none"> <li>• Strength, speed, endurance, flexibility, coordinative ability( definition, types method of development)</li> <li>• Circuit training and high altitude training.</li> </ul>