

SESSION -2019 - 2020
CLASS –XI
ACCOUNTANCY

Month/Days	Units	Contents	Detail
April (20days)	1	Introduction to Accounting	Meaning, Attributes, Objectives, Advantages and Limitations of Accounting. Book Keeping, Accounting and Accountancy.
	2	Theory Base of Accounting	Basic Accounting Terms, Bases of Accounting, Accounting Standards, IFRS
May (23days)	2	Recording of Transactions	Accounting Equation, Rules of Debit and Credit, Source documents, Journal and Ledger
July (27days)	2	Recording of Transactions	Cash Book, Other Subsidiary Books, Bank Reconciliation Statement, Ledger and Trial Balance
August (24days)	2	Recording of Transactions	Depreciation, Provisions and Reserves, Accounting for Bills of Exchange
September (24days)		I-Terminal Examination	Revision
October (21days)	2	Recording of Transactions	Rectification of Errors- types of errors, detection and preparation of Suspense account
	3	Financial Statements of Sole Proprietorship	Accounting from complete records, Closing Entries, Format of Final account, Numerical without Adjustments
November (25days)	3	Financial Statements of Sole Proprietorship	Adjustments of items, Numerical with Adjustments
December (25days)	3	Financial Statements of Sole Proprietorship	Accounting from Incomplete Records
	3	Accounts for Incomplete Records	Concept, Features, Preparation of Statements of capitals and profit and loss and Balance Sheet
	4	Computers in Accounting	Introduction, AIS, MIS, Automation Process, Software's
January (22days)		Revision	Revision
February (24days)		II-Terminal Examination	Revision
March (24days)		Result	

SESSION 2019 - 2020
CLASS – XI
BIOLOGY

Month/ Days	THEORY	PRACTICAL
April (20 days)	1. The living world 2. Biological classification 3. Plant kingdom	1. Study of the different parts of Compound Microscope. 2. To identify the nutrients present in the food.
May (23 days)	4. Animal kingdom 5. Morphology of plants. 6. Anatomy of plants.	3. To identify and comment on the specimens. 4. To study the T.S of dicot stem and root.
July (27 days)	7. Structural organization in animals. 8. Cell-The unit of life.(Basic concepts)	5. To describe the different parts of the flower. 6. To identify and comment on Plant and animal tissues.
August (24days)	8. Cell-The unit of life 9. Biomolecules 10. Cell cycle and Cell division	7. To study different stages of cell division. 8. To study the morphology of Cockroach .
September (24 days)	FIRST TERM EXAMINATION	
October (21 days)	11. Transport in plants. 12. Mineral nutrition. 13. Photosynthesis	9. To study Osmosis by Potato Osmometer. 10. To study Plasmolysis of the cell.
November (25 days)	14. Respiration 15. Plant growth and development 16. Digestion and absorption	11. To show the process of Imbibition. 12. To compare the distribution of stomata on the dorsal and ventral surface of leaf.
December (25 days)	17. Breathing and exchange of gas. 18. Body fluid and circulation. 19. Excretory product and their elimination.	13. To test the presence of the chemicals in urine. 14. To study the separation of pigments in leaf.
January (22 days)	20. Locomotion and movement. 21. Neural control and co-ordination. 22. Chemical coordination and integration.	15. To study the different types of joints.
February (24 days)	ANNUAL EXAMINATION	

SESSION -2019-20**CLASS –XI****BUSINESS STUDIES**

Month/Days	Units	Contents	Detail
April (20days)	1	Nature and purpose of business	1. History of Commerce and introduction of Business
	2	Forms of business organisation	2. Classification of business activities 3. Business risk nature and causes 4. Forms of business organisation: sole proprietorship
May (23 days)	2	Forms of business organisation	4. Forms of business organisation: sole proprietorship(Contd..) 5. Joint Hindu family business 6. Partnership 7. Cooperative societies 8. Company organisation
July (27days)	2	Forms of business organisation	9 Formation of company stages 10 Choice of form of business organisations
	3	Private public and global Enterprises	11 Private and public sector 12 Multinational companies and joint ventures
August (24days)	4	Business services	13 Banking 14 Insurance 15 life fire and marine insurance
	5	Emerging modes of business	16 Postal and telecom services communication services 17 e-business and Outsourcing of services
September (24 days)		First term examination	Revision
October (21days)	6	Social responsibility of business and business ethics	18 Social responsibility of business and business ethics 19 Sources of Business Finance
	7	Sources of Business Finance	
November (25days)	8	Small business	20 Small business :An introduction Entrepreneurship Development,Start up India
	9	Internal trade	21 Internal trade: Meaning and types, GST 22 Wholesale trade: Meaning and services 23 Retail trade :Meaning and types
December (25days)	10	International business	24 International business 25 Import Trade procedure and documents 26 Export trade procedure and documents 27 World Trade Organisation
January (22days)			Revision
February (24 days)			Revision

SESSION 2018-2019
CLASS – XI
CHEMISTRY

<u>DATE</u>	Theory	Practical
April (20 days)	Unit 1 Some basic concepts of chemistry	Experiments related to pH change
May (23 days)	Unit 2 Structure of atom Unit 14 Environmental chemistry	Qualitative Analysis
July (27 days)	Unit 3 Classification of elements Unit 4 Chemical Bonding and molecular structure	Qualitative Analysis
August (24 days)	Unit 12 Organic chemistry : some basic principles and techniques Unit 13 Hydrocarbons (Till Alkanes only)	Qualitative Analysis Detection of elements (S, N and Halogens) in the organic compounds
September (24 days)	First terminal examination	First terminal Practical examination
October (21 days)	Unit 13 Hydrocarbons (Contd...) Unit 5 States of matter Unit 6 Thermodynamics	Quantitative estimation (Volumetric analysis)
November (25 days)	Unit 7 Equilibrium (Part I) Equilibrium (Part II)	Quantitative estimation (Volumetric analysis)
December (25 days)	Unit 8 Redox reaction Unit 9 Hydrogen Unit 10 The s –block elements	Quantitative estimation (Volumetric analysis)
January (22 days)	Unit 11 The p –block elements	Revision of Practicals
February (24 days)	Revision	Second terminal Practical examination

SESSION 2019-20**CLASS – XI****COMPUTER SCIENCE**

Months/Days	Theory	Practical
April (20 days)	Getting started with Python Python Fundamental	Python IDE
May (23 days)	Data Handling Conditional and Iterative Statements	Python Character Set Variables and Assignments
July (27 days)	String Manipulation Debugging Programs List Manipulation	String Operators Program Exceptions
August (24 days)	Tuples Dictionaries Understanding Sorting	Accessing tuples Joining tuples
September (24 days)	I Term Exam	I Term Exam
October (21 days)	States and Transitions Computer System Overview Data Representation	Input/Output Unit description Sorting Programs
November (25 days)	Boolean Logic Insight into Program Execution Relational Databases Simple queries in SQL	Sql queries Select and From statements
December (25 days)	Table Creation and Data Manipulation Command Table Join Index in SQL Basics Of No SQL Database	Insert, Update, delete commands Joining of tables
January (22 days)	Cyber Safety Online Access and Computer Security	Virus/Antivirus programs Types of Firewall
February (24 days)	REVISION	REVISION
March (24 days)	Annual Exam	Annual Exam

SESSION 2019 - 2020
CLASS – XI
Kathak Dance

<u>DATE</u>	Theory	Practical
April (20 days)	History of Dance.	General steps
May (23 days)	History of gharana	Foot movements
July (27 days)	Bhava	Foot movements on Teen Taal
August (24 days)	Hastakya	Hastak in practical
September (24 days)	Revision of all theories and first term examination	First term examination
October (21 days)	Definition of tukra	Tukra
November (25 days)	Definition of Thumri	Childhood of Shri Ramchandra
December (25 days)	Aamad	Practical in Aamad
January (22 days)	Kavitya And Revision	Kavitya Bol
February (24days)	Second term examination	

**SESSION 2019 - 2020,
CLASS – XI
(ECONOMICS)**

Month/ Days	Unit/Title	Contents
April (days)	PART-A Unit-1	<u>STATISTICS FOR ECONOMICS</u> Introduction: Meaning, scope and importance of statistics in economics.
May (23 days)	Unit-2	Collection, Organosation and Presentation of data:
July (27 days)	Unit-3	Statistical Tools and Interpratation: (Measures of Central Tendency) – Mean, median and Mode. Measures of Dispersion- Range, Quartile Deviation, Mean Deviation, Standard Deviation, Coefficient of Variation, Lorenz Curve. Correlation—Karl Pearson’s method, Spearman’s Rank correlation. Introduction to Index Numbers—Whole Sale Price Index, Consumer Price Index.
August (24 days)	<u>PART-B</u> Unit-4	<u>INRODUCTORY MICROECONOMICS</u> Introduction:-- Meaning of microeconomics, Positive and Normative economics, Central problems of an economy, Production Possibility Curve and opportunity Cost.
September (24 days)	Unit-5	Consumer’s Equilibrium and Demand:- (Cosumer’s Equilibrium)- Law of DMU, conditions of consumer’s equilibrium using marginal utility and Ordinal utility.
October (21 days)	Unit-5	Demand and Price Elasticity of Demand.
November (25 days)	Unit-6	Producer Behaviour and Supply- Production Function, Cost, Revenue, Producer’s Equilibrium and Supply.
December (25 days)	Unit-7	Forms of Market and Price Determination Under Perfect Competition with Simple Applications.
January (22 days)	PART-C	PROJECT IN ECONOMICS FULL REVISION—STATISTICS AND MICROECONOMICS
February (24 days)		ANNUAL EXAMINATION

SESSION 2019-2020
CLASS – XI
ENGLISH CORE

MONTH	HORNBILL	SNAPSHOTS	NOVEL	WRITING SKILLS
APRIL (16 DAYS)				Notice writing Letter to editor Article writing Poster making
MAY (27 DAYS)	The Portrait of a Lady A Photograph	The Summer of the Beautiful White Horse		Letter to Editor Letter to Principal
JULY (25 DAYS)	We are not Afraid to Die— Lapurnum top	The Address	Chapters 1 & 2	Note Making Summary
AUGUST (25 DAYS)	The Voice of the Rain Discovering Tut	Ranga's Marriage	Chapter 3	Advertisements (For Sale, To Let, Matrimonial, Situation Vacant, Wanted)
SEPTEMBER (20 DAYS)	Revision			Report Writing- Newspaper School Magazine
FIRST TERM EXAM				
OCTOBER (21 DAYS)	The Ailing Planet Childhood Silk road	Albert Einstein at School	Chapters 4-6	Business Letters- Letter of Enquiry Placing an order
NOVEMBER (19 DAYS)	Browning Version Landscape of the soul	Birth The Ghat of the only world	Chapter 7	Business Letters- Complaint Job Application
DECEMBER (24 DAYS)	Father to Son The Tale of Melon City	Mother's Day		Display Advertisement
JANUARY (25 DAYS)	Revision		-----	
FEBRUARY (19 DAYS)	SECOND TERMINAL EXAM			

SESSION 2019 - 2020
CLASS – XI
GEOGRAPHY

Months/ Days	CONTENTS
April (20days)	FUNDAMENTALS OF PHYSICAL GEOGRAPHY CH-1- Geography as a discipline CH-2- Origin and evolution of the earth.
May (23days)	Ch-2 contd----- Ch-3-Interior of the earth Ch4-Distribution of continents and Ocean.
July (27days)	Ch-5-Minerals and Rocks Ch-6-Geomorphic processes Ch-7-Landforms and their Evolution
August (24days)	Ch-8-Composition and Structure of Atmosphere Ch-9- Solar Radiation Heat Balance Ch-10-Atmospheric Circulation Ch -11- Water in the Atmosphere
September (24days)	Revision and First Term
October (21days)	Ch-12- World Climate And Climate Change Ch-13- Water Ch-14- Movement of Ocean water
November (25days)	INDIA PHYSICAL ENVIRONMENT Ch-1-Location Ch-2-Structure And Physiography Ch-3-Drainage System
December (25days)	Ch-4- Climate Ch-5-Natural Vegetation Ch-6- Soil
January (22days)	Ch-7- Natural Hazards and Disasters
February (24days)	Revision and Exam

SESSION 2019 - 2020
CLASS – XI
HISTORY

Months/ Days	TOPICS
April (20 days)	Theme 1: From the Beginning of Time
May (23 days)	Theme 2; Writing and City life Theme: 3: An Empire Across Three Continents
July (27 days)	Theme 4: The Central Islamic Lands Theme 5: Nomadic Empires
August (24 days)	Theme 6: The Three Orders
September (24 days)	Revision and First Term
October (21 days)	Theme : 7: Changing Cultural Traditions
November (25 days)	Theme: 8: Confrontation of Cultures Theme 9: The Industrial Revolution
December (25 days)	Theme : 10: Displacing Indigenous peoples
January (22 days)	Theme: 11: Paths to Modernisation
February (24 days)	Revision and Exam

SESSION 2019 - 20

CLASS – XI

INFORMATICS PRACTICES

Month/No. Of Days	<u>Theory</u>
Apr (Days)	Basic Computer Organization
May (23 Days)	Introduction to Python Elementary concepts of Python Input / Output in Python
Jul (27 Days)	Conditional statements in Python Looping in Python
Aug (24 Days)	List and Dictionary Text Handling
Sep (24 Days)	REVISION & 1st Term Exam
Oct (21 Days)	Introduction to Python modules Data Handling
Nov (25 Days)	Relational Databases Use of SQL and its commands
Dec (25 Days)	Aggregate functions Cyber Safety
Jan (22 Days)	REVISION
Feb (24 Days)	REVISION & 2nd Term Exam

SESSION 2019-2020
CLASS-XI
MATHEMATICS

Months/Days	CONTENTS
April 06 days	Sets, Relations,
May 23 days	Functions, Principle of mathematical Induction. Complex Number and Quadratic Equation, Linear Inequality
July 27 days	Trigonometric Functions .
August 24days	Permutation and combination, Binomial Theorem,
September 24 days	Revision and First Terminal Examination
October 21 days	Sequene and series.
November 25 days	Straight Lines, Conic sections.
December 25 Days	Introduction to three Dimensional Geometry. Limits and Derivatives.
January 22 DAYS	Statistics and Probability
February 24 days	Revision and Annual Examination

SESSION 2019 - 2020**CLASS – XI****Physical Education**

Months/ Dates	Theory	Practical
April 06 days	1.Changing trends and career in physical education.	50 Meter Sprint Standing Broad Jump
May 23 days	2.Olympic value education 3. Physical Fitness, Wellness & Lifestyle	Lay-Out of Standard Track & Field and Game of your choice
July 27 days	4. Physical Education & Sports for CWSN 5. Yoga	Skill practice of your choice game. Shuttle Run
August 24days	6. Physical activity and Leadership Training	Asanas for improving concentration.and their pictorial presentation
September 24 days	First term Exam	Practical Exam
October 21 days	7. Test, measurement and evaluation	Physical fitness test 600 Meters Run
November 25 days	8. Fundamental of anatomy, physiology and Kinesiology, in sports	Sit ups Pull-Ups
December 25 Days	9. Psychology and sports	AAPHER Youth fitness test Calculation of BMI
January 22 DAYS	10. Training and Doping in sports	List of current national awardees in sports
February 24 days	Second term Exam	

SESSION 2019 - 2020

CLASS – XI

PHYSICS

Months/ Days	Units	Practical
April (7 days)	1. UNITS DIMENSIONS AND MEASUREMENT	----
May (23 days)	2. MOTION IN STRAIGHT LINE 3. MOTION IN A PLANE	1. TO MEASURE THE DIAMETER OF A SMALL SPHERICAL/CYLINDRICAL BODY, USING VERNIER CALLIPERS 2. TO MEASURE INTERNAL DIAMETER AND DEPTH OF A GIVEN BEAKER/CALORIMETER USING VERNIER CALLIPERS AND HENCE FIND ITS VOLUME
July (27 days)	4. LAWS OF MOTION 5. WORK POWER AND ENERGY	3. TO MEASURE DIAMETER OF GIVEN WIRE AND THICKNESS OF A GIVEN SHEET USING SCREW GAUGE. 4. TO DETERMINE THE RADIUS OF CURVATURE OF A GIVEN SPHERICAL SURFACE BY A SPHEROMETER.
August (24 days)	6. MOTION OF SYSTEM OF PARTICLES AND RIGID BODIES 7. GRAVITATION	5. TO FIND THE WEIGHT OF A GIVEN BODY USING PARALLELOGRAM LAW OF VECTORS. 6. USING SIMPLE PENDULUM PLOT A $L=T^2$ GRAPH AND USE IT TO FIND EFFECTIVE LENGTH OF SECOND'S PENDULUM
September (24 days)		
October (21 days)	8. SOLID MECHANICS 9. FLUID MECHANICS 10. HEAT AND TEMPERATURE 11. THERMODYNAMICS	7. TO STUDY THE RELATIONSHIP BETWEEN FORCE OF LIMITING FRICTION AND NORMAL REACTION AND TO FIND THE COEFFICIENT OF FRICTION BETWEEN A BLOCK AND HORIZONTAL SURFACE 8. TO FIND THE DOWNWARD FORCE, ALONG AN INCLINED PLANE, ACTING ON A ROLLER DUE TO GRAVITATIONAL PULL OF EARTH AND STUDY ITS RELATIONSHIP WITH THE ANGLE OF INCLINATION θ BY PLOTTING GRAPH BETWEEN FORCE AND $\sin\theta$.
November (25 days)	12. KINETIC THEORY OF GASES 13. OSCILLATIONS	9. TO FIND THE FORCE CONSTANT OF A HELICAL SPRING BY PLOTTING A GRAPH BETWEEN LOAD AND EXTENSION. 10. TO DETERMINE SURFACE TENSION OF WATER BY CAPILLARY RISE METHOD. 11. TO DETERMINE THE COEFFICIENT OF VISCOSITY OF A LIQUID BY MEASURING THE TERMINAL VELOCITY OF A SPHERICAL BODY IN IT. 12. TO STUDY THE RELATION BETWEEN FREQUENCY AND LENGTH OF A GIVEN WIRE UNDER CONSTANT TENSION.
December (25 days)	14. WAVES	REVISION
January (22 days)	REVISION	
February (24 days)	FINAL TERM EXAMINATION	

SESSION 2019 - 2020
CLASS – XI
Political Science

Months & Days	Themes
April (days)	Themes
May (days)	Part A: Indian Constitution at work. 1. Philosophy of the Constitution
July (days)	2. Rights of the Indian Constitution 3. Election and Representation
August (days)	4. Executive 5. Legislature 6. Judiciary
September (days)	7. Federalism 8. Local Government 9. Constitution as Living Document
October (days)	Part B: Political Theory:-1. An Introduction Revision & First Term Examination
November (days)	2. Freedom 3. Equality
December (days)	4. Social justice 5. Rights
January (days)	6. Citizen ship 7. Nationalism 8. Secularism
February (days)	9. Peace

SESSION 2019 - 2020
CLASS – XI
PHYSICAL EDUCATION (GENERAL)

Months/Days	Sport Topic	PRACTICAL
April (days)	1. BADMINTION	FUNDAMENTAL SKILLS OF GAME
May (23 days)	2. FOOTBALL	FUNDAMENTAL SKILLS OF GAME
July (27 days)	3. ATHLETICS	RUNNING EVENT
August (24 days)	4. SPORTS ETHICS	THROWING EVENT
September (24 days)	FIRST TERM EXAM	PRACTICAL EXAM
October (21 days)	5. YOGA	YOGIC ASANA
November (25 days)	6. CRICKET 7. PERSONEL HYGEINE	BATTING AND BOWLING
December (25 days)	8. BASKETBALL	HOLDING AND HANDLING THE BALL
January (22 days)	9. VOLLEYBALL	SERVICE PRACTICE
February (24 days)	SECOND TERM EXAM	PRACTICAL EXAM