Academic Planning 2024-25

Class: XI   Subject: English

Month	Name of Unit/Chapter/Topic	Time Allotted Period/Hours	Learning Outcome	Suggested Activities/ Internal Assessment	Art Integrated Project	Practical	50% Competency based Assessment	Time spent -Project, Homework & Copy Correction	Exam & Syllabus
June 24	• The Portrait of a Lady • A Photograph • Summer of the Beautiful White Horse • Poster	– 8 Pd. / 6 Hrs. – 3 Pd. / 2.5 Hrs. – 8 Pd. / 6 Hrs. – 3 Pd. / 2.5 Hrs. **Total = 16 Hrs.**	• Students will be able to understand the main idea of the story. • Students will be able to identify and analyse the mood of the poem based on the imagery • Students will be able to develop and organize a short play based on justice, truth and loyalty	• Write a comparative essay based on the theme of the story • Write down the relevant vocabulary from the lesson. • Make a poster based on the story.		No	• Write on the need for holidays in the Modern Stressful Times • Write a short description of someone you liked/like a lot • "We have been famous for our honesty for something like eleven centuries" – The narrator describes his family in these words. Write a paragraph on the possibility to remain honest in these Modern Times.	8 Hrs.	
July 24	• We are not afraid to die • The Laburnum Top • Classified Advertisement • Tenses • Note Making (Part 1)	– 8 Pd. / 6 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. **Total = 14 Hrs.**	• Students will be able to know that the collective power of unity and never-failing confidence of the people can make possible to survive and come out of the danger	• Compose a short poem independently. • Speak fluently and spontaneously using various tenses correctly	• Find new words every day and make a Dictionary • Make a diary entry of the Day's activities on a weekly basis • Prepare a speech on the topic "JUSTICE DELAYED IS JUSTICE DENIED"	No	• "Adventures make life worth living" Comment. • Explain the Theme and Symbolism in the poem "The Laburnum Top"	8 Hrs.	**Periodic Test I** • All topics covered from June to July
August 24	• Discovering Tut • The Voice of Rain • The Address • Clauses • Speech • Comprehension • Revision	– 8 Pd. / 6 Hrs. – 3 Pd. / 2.5 Hrs. – 6 Pd. / 4.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 4 Pd. / 3 Hrs. **Total = 21 Hrs.**	• Students will be able to understand and identify the culture, elements of science & earth, archaeology and myth.	• Work in groups to analyse the events of Carter's discovery		No	• Discuss the suitability of the title "Discovering Tut" • What does the poet do to turn Rain into a living entity? • Justify the title of the story "The Address"	8 Hrs.	
September 24	• Silk Road • Childhood • Determiners • Clauses • Note Making (Part 2) • Debate • Speech	– 8 Pd. / 6 Hrs. – 6 Pd. / 4.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. **Total = 20 Hrs.**	• Students will be able to understand the transmitted cultural exchange including theatrical performance, dance and music arts.	• Referring to the poem – Give reasons for liking/disliking of the poem		No	• Discuss the accounts of exotic places in Legends and in reality • Why does the child refer to Heaven & Hell?	8 Hrs.	**Term I** • All topics covered from June to September

Month	Name of Unit/Chapter/Topic	Time Allotted Period/Hours	Learning Outcome	Suggested Activities/ Internal Assessment	Art Integrated Project	Practical	50% Competency based Assessment	Time spent -Project, Homework & Copy Correction	Exam & Syllabus
October 24	• Mother's Day • Father to Son • Debate • Poster • Comprehension • Classified Advertisement •	– 8 Pd. / 6 Hrs. – 8 Pd. / 6 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. **Total = 20 Hrs.**	• Students will be able to understand the real concept of Love, Respect & Obedience towards their parents.	• Conduct a Role-play based on the theme of the play • Organise a debate on a current issue topic		No	• What is the difference between Mrs. Pearson & Mrs. Fitzgerald? How do they complement each other? • Dwell on the theme of the poem "Father to Son"	8 Hrs.	
November 24	• The Tale of Melon City • The Adventure • Birth • Subject Verb Agreement • Revision	– 8 Pd. / 6 Hrs. – 8 Pd. / 6 Hrs. – 8 Pd. / 6 Hrs. – 3 Pd. / 2.5 Hrs. – 4 Pd. / 3 Hrs. **Total = 23 Hrs.**	• Students will be able to write descriptive passage on literature, appreciating linguistic and literary features	• Compose own poem based on the theme – "Satire on people in power"		No	• Narrate the "Tale of Melon City" on one's own words highlighting the message. • How did Rajendra Deshpande explain Gangadhar Pant's experience • What qualities enabled Andrew Manson to help the Morgan Family?	8 Hrs.	
December 24	• Direct-Indirect Speech • Letter to the editor • Active/Passive Voice • Speech	– 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. **Total = 8 Hrs.**	• Students will be able to understand the difference between Direct & Indirect Speech	• Write a letter to the editor on a current issue/event		No	• Write a speech on the topic "Growing Violence in Today's World"	8 Hrs.	**Periodic Test II** • All topics covered from October to December
January 25	• Classified Advertisement • Debate • Speech • Reading Comprehension • Viva • Revision	– 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 3 Pd. / 2.5 Hrs. – 6 Pd. / 4.5 Hrs. – 6 Pd. / 4.5 Hrs. – 6 Pd. / 4.5 Hrs. **Total = 18 Hrs.**	• Students will be able to analyse the different perspectives on current event/issue	• Write a speech on a current issue / event		No	• "Social media is a curse in a large population like ours". Write a debate - for/against the motion.	8 Hrs.	

NAME OF THE SUBJECT TEACHER: Mr. Solomon Richards

SIGNATURE OF THE SUBJECT COORDINATOR:

CARMEL CONVENT SR SEC SCHOOL, RATANPUR, YEAR PLANNER:2024-25

CLASS :   XI   **SUBJECT: BUSINESS STUDIES**

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	PRACTICALS	ASSESSMENT(INCLUDE 50% COMPETENCY BASED ASSESSMENT)	TIME SPENT FOR PROJECT AND HOME WORK
JUNE	**Lesson- 1 Business Trade and Commerce:** Business, profession and employment- Concept Objective of business Classification of business activity- industry and Commerce **Lesson-2** **Forms of Business organisation** Sole proprietorship- Concept, merits and limitations L-2 (contd.) Partnership- Concept, types, merits and limitations of partnership, registration of partnership firm partnership deed types of partner.Hindu undivided family business concept Cooperative society concept merits and limitation	15 15	Learn to recognise, draws relationships and understands processes and concepts in business and the concept and objectives of business Learn to classify and compares forms of business. understand the activities relating to commerce and Distinguish between various forms of organisations learn to classify and compares forms of business	Collect the details of business organisation. Make a list of companies and sort them on the basis of industries and trade. Make a list of 5 Indian companies as private company and public company.	Work sheet (include case studies and competency based questions) Group activitity-debate	4 4

CARMEL CONVENT SR SEC SCHOOL, RATANPUR, YEAR PLANNER:2024-25

CLASS :   XI   **SUBJECT: BUSINESS STUDIES**

JULY	(L-2 contd.) Company concepts merits and limitations types private public and one person company concept. **Lesson -7** Formation of a company : Meaning of promoter,functions, stages and important documents to be used in formation of a company , Choice of form of business organization	10 12.69	Learn to describe the steps involved in each stage of company formation Understand significance of various documents to be submitted to the registrar of companies for the registration of a company.	Collect the financial statement of a company and write details of the company in **project file(minim um 25 pages)**	P T-1 L -1 &2	2 6
AUG UST	**Lesson-3 :** **Public private and global Enterprises:** Public sector and private sector enterprises –concept forms of public sector enterprises department undertakings statutory corporations and government company multinational company features joint ventures public private partnership concept. **Lesson -4** **Business services**; Types and functions of banks , insurance companies , were houses etc..	10 12.5	understand the features of different forms of public enterprises viz., departmental, statutory corporations and government companies . Learn about the various types of services and their functions and scope in the present scenario. learn the importance of e-banking ,Insurance and Warehouses	Collect and sort the names of few indian origin compani es as private sector and public sector	Class test and group activities	6 6

SEPT EMBE R	**Lesson- 5** **Emerging modes of business** e business concept scope and benefits business processing units concept need and scope	11.25	Understand the concept of e business and e trade . importance of online transactions in the present scenario.	Do some online purchase and learn practicall y how to do online purchase , payment etc.	Term -1	6
OCT OBER	**Lesson-6** **Social responsibility of business and business ethics** concept of social responsibility case of social responsibility towards owners investors consumers employees Government and community role of business in environmental protection Business Ethics concept and elements **Lesson-8-**	10 12.5	understand the concept of social responsibility Discuss the need for social responsibility Identify the social responsibility towards different interest groups.	Collect the names of indian business organisat ion who are known for assumin g social responsi bilities.	Questionn aire and group activities	6 6

	Sources of Business Finance : concept of Business Finance - owner fund and Borrowed fund		Know more about different types of funds as owner fund and borrowed fund and their significance in the business world			
NOVE MBE R	**Lesson-9-** **Small business and entrepre neurship** Roles and Importance of Small Businesses .	10	Understand the Roles and Importance of Small Businesses and Analyse the problems of small business. Classify the different forms of assistance provided by the government to small business, particularly in rural and hilly areas	Collect various informati on regardin g how to open a start- up through social medias	Questionn aire and group activities	6
	Lesson-10 **Internal trade** Concept of Internal Trade Wholesalers Retailers Industry and Trade orgn.	11.25	Learn the meaning and types of internal trade and to specify the services of wholesalers to manufactures and retailers Explain the services of retailers Classify the types of retailers			6

DECEMBER	Lesson-11 International trade: Concept of international trade,reasons for international business, modes of entry into international business	11.25	Learn the meaning and scope of international business. Explain the need of international business. Distinguish between international trade and business. Understand the term exporting and importing, contract manufacturing, licensing and franchising.	Collect few names of indian companies doing internation business.	P.T.2	6.56
JANUARY					Term-2	5

NAME OF INCHARGE TEACHERS: MRS.NISHA PRAMOD , MRS.MANJU SHARMA

SIGNATURE OF SUBJECT CORDINATOR:

SIGNATURE OF PRINCIPAL:

CARMEL CONVENT SR SEC SCHOOL,RATANPUR,YEAR PLANNER:2024-25

CLASS :XI

SUBJECT: ECONOMICS

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/ INTERNAL ASSESSMEN(SEA &MT)/ INCLUSIVE ACTIVITY(WEEKLY)	ART INTEGRATED ACTIVITY/ART INTEGRATED PROJECT	PRACTICALS	ASSESSMENT(INCLUDE 50% COMPETENCY BASED ASSESSMENT)	TIME SPENT FOR PROJECT AND HOMEWORK
JUNE	**Micro Economics** Unit 4: Intro. Meaning of Microeco. andmacroecomics; positive and normative economics What is an economy? Central problems of an economy: what, how and for whomto produce; conceptsof Production Possibility Frontier andOpportunityCost. STAT: Unit 1 *Introduction *Meaning, Scope	5 hrs 2Hrs	Meaning of Micro Economics and Macro Economics ,PPC and its features.	Assertion and Reason based Questions	Collage on Micro and Macro Economics	Project on any topic based on Economics	Assertion and Reason Cased Based	Home work assignment 7.5 hrs Micro Economics PROJECT 20 hrs Class room Assignments 7.5 hrs

	&importance of Statistics. Definition, Economic & non-economic activities, Numerical set of data, Functions, Importan& Limitations ofstatistics.	3Hrs	Importance of Statistics, Plural sense Vs Singular sense, Distrust of Statistics.	Revision Exercises – Objective type and Short answer type questions.	Different ways to bring out economic & non-economic activities through collage .		Assertion & Reason. Statement based questions.	Home work: 2 Hrs. Assignme nt: 3 Hrs
JUNE	**MICRO Economics** Unit 5: Consumer's Equilibrium and Demand , consumer's equilibrium meaning of Utility, Marginal Utility, Law of Diminishing Marginal Utility, conditions ofconsumer'sequili brium using marginal utility analysis.	25 hrs	Solve numericals on utility analysis Answer questions on Consumer Equilibrium, will be able to draw consumers' equilibrium	Multiple choice based questions will be given in assignment			Data based questions	
JULY	MICRO						Picture	

	ECONOMICS (In Continuation) Budget line ,Demand and Elasticity of Demand		Solve numericals on Elasticity of Demand				based questions	
JULY	STATISTICS Unit 2: Collection, Organisation and Presentation of data. Primary & Secondary data, methods of collection of data, concept of variables, statistical series, diagrammatic presentation. STAT: (In continuation) Percentage Bar Diagram, Multiple Bar Diagram)	25 Hrs	Importance of collecting data-Primary & Secondary, Pie diagram, utility and advantages of diagrammatic presentation.	Questions related to Bar diagram, Pie diagram, Frequency distribution graphs. Competence Based questions will be given to students for homework	Project on using tools for Primary and secondary data. Graph work / Presentation of Pie diagram for different data .		Give Reasons. **PT 1 – Micro Economics Introductio n** **Stats – Introductio n**	Class Assignmen t: 1 Hr. Project : 15 Hrs.
AUG.	**MICRO ECONOMICS** Unit 6: Producer Behaviour andSuppy Meaning of Production Function . Returns to a Factor Cost – Short run	20 hrs	What is producer equilibrium Solve numericals on					

SUBJECT: ECONOMICS

	costs - Total Cost, Total Fixed Cost, Total Variable Cost; Average Cost; Average Fixed Cost, Average Variable Cost and Marginal Cost . Revenue – Total Revenue, Average Revenue and Marginal Revenue - Equilibrium - meaning and its conditions in terms of Marginal Revenue - Marginal Cost. STAT : Measures of Central Tendency - meaning, objective and functions of averages(Individual series, Discrete series & Continuous series, Weighted mean) Computation of Median.	20 Hrs	supply Draw diagrams of Total Revenue, Marginal Revenue Requisites of a measure of central tendency, Numericals related to mean &median.				Numericals on different methods to calculate Arithmetic mean , median and mode.	Class assignme nt: 1 Hr. Home work: 2 Hrs.
SEP.	TERM 1						**UNITS 1,2 3**	

							,4,5	
OCT.	**MICRO ECONOMICS** UNIT 6 (In continuation) Supply, market supply, determinants of supply, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage-change method. STATS: Mode, Correlation & Index number. Computation of Quartiles & its computation, Measurement of Correlation(Karl Pearson) Meaning of Index number, Unweighted Index no.	10 Hrs 10 Hrs.	Explain the determinants of supply . Computation of Quartiles, calculation of Correlation, Rank correlation, calculating Price Index no.by Laspeyre's, Paasche's and Fisher's method.	Subjective and objective questions will be given in Homework Numericals will be given for the following topics.			Data base questions .	Class assignme nt: 1 Hr Home work: 10 Hrs.
NOV.	**MICRO ECONOMICS** Unit 7: Perfect Competition - Price Determination and simple applications. Perfect	20 hrs	Features of Perfect Competition Market		Project for Practical Exam will be given			

	competition - Features; Determination of market equilibrium and effects of shifts in demand and supply. (Short Run Only) Simple		Explain and Draw the shifts in market equilibrium .					
DEC.	**MICRO ECONOMICS** (In Continuation) Applications of Demand and Supply: Price ceiling, Price floor.		Diagrams of Price Floor and Price Ceiling	Assertion and reason based questions			**PT 2-** **1) Perfect Competition Market** **2)Correlation**	
JAN.	FINAL PRACTICAL& FINAL EXAM						**FULL COURSE**	
FEB.								
MAR.								

CARMEL CONVENT SR SEC SCHOOL,RATANPUR,YEAR PLANNER:2024-25

CLASS :XI

SUBJECT: ACCOUNTANCY

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT (Hour)	LEARNING OUTCOMES	PRACTICALS	ASSESSMENT(INCLUDE 50% COMPETENCY BASED ASSESSMENT)	TIME SPENT FOR PROJECT AND HOMEWORK
JUNE	L-1 Introduction to Accounting L-2: Basic Accounting Terms.	6 6	Meaning and Definitions ofAccounting, Attributes ofAccounting, Book-Keeping, Accounting and Accountancy, Accounting process, Difference between Book-Keeping and accountancy Business Transactions, Account, Capital, Drawings, Liabilities(Current & Non-Current), Assets(Current & Non-Current) (Fixed Assets- Tangible and Intangible), Receipts (Capital and Revenue), Expenditure(Capital, Revenue and Deferred), Expenses,Income, Profit	Write in A4 size sheet as a part of project meaning of accounting Write in A4 size sheet as a part of project all important accounting terms(capital, assets, liabilities, classification of goods)	Learn the meaning and definition of book keeping and accounting Learn all the accounting terms and	4 4

CLASS :XI

SUBJECT: ACCOUNTANCY

	L-5: Accounting Equation	6	Gains, Losses, Purchases, Purchase Returns, Sales and Sales-Return, Stock-Inventory, Goods, Trade Receivables(Debtors+BillsReceivables), Trade Payables(Creditors + Bills Payable). Meaning of an Accounting Equation, Effect of Transactions on an Accounting Equation.	Dual Aspect Concept of Accounting is followed while preparing Accounting Equation. Numericals will be solved.	Accounting Equation A=L+C Solve the numericals of accounting equation to be given as CW and HW	4
JULY	L-6 Rules of Debit and Credit	4	Meaning of an Account, Meaning of Debit and Credit, Rules of Debit and Credit, Classification of Accounts, Balancing of an Account, Significance of Debit and Credit Balance.	Write in A4 size sheet as a part of project meaning of an Account, Transactions and assumed transactions of a business organisation as comprehensive problem	Learn the rules of debit and credit as per traditional approach and modern approach	4
	L-4 Bases of Accounting	3	Cash Basis and Accrual Basis	differentiate between the cash and accrual bases of Accounting	Adjustments related to current and previous year of prepaid	4

CLASS :XI

SUBJECT: ACCOUNTANCY

	L-8 Journal	10	Journal entry, Compound Journal Entry,advantages of a Journal, SubDivision of Journal, Meaning and Utility of a Ledger, Posting of Entries into Ledger Accounts, Balancing of Accounts, Distinction between Journal and Ledger,	Pass journal entries for the transactions. Make ledger account and post from journal	expenses, outstanding expenses, Unearned incomes and Accrued incomes	4
	L-9 Ledger	8			Make journal entries using the format and rules of debit and credit and solve numericals learn the format of ledger and posting of journal , solve numericals	
AUGUST	L-10 Special Purpose Books-I Cash Book	8	Classification of Subsidiary Books, Advantages of Subsidiary Books, Meaning of Cash Book Kinds of Cash Book, Posting of a Cash Book, Petty Cash Book. Purchases Book, Sales	Prepare cash book and other subsidiary book based on the transactions and total or balance them	Learn the different format of cash book, purchases book, sales book, purchases return book, sales return book and	4
						4

CLASS :XI

SUBJECT: ACCOUNTANCY

	L-11 Special Purpose Books-II	8	Book, Purchases Return Book, Sales Return Book, Journal Proper; its Role and importance in Practical System of Book keeping, Distinction between Special Journal and General Journal.		journal proper and solve numericals.	
SEPT EMBE R	L-15 Depreci ation	10	Meaning, Depreciation and other Related Concepts, Causes of depreciation, Need or Methods of recording depreciation, difference between straight line and written down value method.	Provide depreciation, provision for doubtful debts etc. as an adjustment just below the trial balance	TERM - 1 Learn how to calculate depreciation and method of providing depreciation and solve numericals	4
	L-14 Trial balance	3		Meaning and characteristics of trial balance. Objectives and functions of preparing a trial balance. Limitations of trial balance.	Learn the format of trial balance(balance method) as do the numericals	3
OCTO BER	L- 18 Financia l stateme	15	Preparation of Trading account, Profit and Loss account and Balance sheet. horizontal and	Presentation of the basic accounting information in the form of financial statements and draw the conclusions at	Format of Trading Profit and loss Account and	4

CLASS :XI

SUBJECT: ACCOUNTANCY

	nts of a sole propri et- orshi p. L- 19 Adjustm ent in preparat ion of financial state ment.	15	vertical presentation of balance sheet . Need for Adjustment in the Final Accounts of a Bussiness, Main Adjustment--- Closing Stock,Outstanding Expenses, Prepaid Expenses, Accrued Incomes, Income Received in advance, Depreciation, Bad debts, ProvisionforDoubtful Debts, Provision for Discount on Debtors, Manager's commission Abnormal or Accidental Losses, Good taken for Personal Use, Goods Distributed as samples.	the end of the accounting year. Trading and Profit and Loss Account and Balance Sheet as per the fomat based on the trial balance and adjustments.	Balance Sheet incorporate adjustment entries in financial statement	4
NOVE MBER	L – 20 Account s from Incompl ete Records - Single	6	Meaning of single Entry system. Features, Advantages and disadvantages, Difference between double entry and single entry system		Prepare Statement of Affairs and calculate the profit for the year.	3

CLASS :XI

SUBJECT: ACCOUNTANCY

	Entry System	6	Ascertainment of Profits by Statement of Affairs.	Learn the accounting concept and principles for the practical use of accounting		3
	L-3 Theory base of Accounting	10	Accounting process,concepts, accounting standard- meaning , nature and utility.Concept and objective of accounting standard. IFRS.		Preparation of Suspense Account	4
	L-17 Rectification of errors		Classification of errors: Single sided errors & two sided errors and rectify them by preparing suspense account or rectification entries	Locate errors and rectify them in the case of disagreement of the trial balance. Articulate the process of rectifying errors in the trial balance by reversing the wrong entry.		
DECE MBER	L-13 Bank Reconcil iation Stateme nt	10	Meaning, need, importance of bank reconciliation statement. Reasons of difference between cash book and pass book balances, methods of preparing bank reconciliation statement.	Learn the format of BRS and solve numericals.	PT- II Favourable and unfavourable balances as per cash book or pass book i.e, overdraft balances or favourable situations be given to eradicate the difference in them	4

CARMEL CONVENT SR SEC SCHOOL,RATANPUR,YEAR PLANNER:2024-25

CLASS :XI

SUBJECT: ACCOUNTANCY

JANUARY	REVISION				PRATICALS & TERM -II	

NAME OF INCHARGE TEACHERS: SIGNATURE OF SUBJECT CORDINATOR:
MANJU SHARMA, NISHA PRAMOD

SIGNATURE OF PRINCIPAL:

CARMEL CONVENT SR SEC SCHOOL,RATANPUR
YEAR PLANNER 2024-2025

CLASS: XI   SUB: HINDI CORE [302]

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/ INTERNAL ASSESSMENT(SEA &MT)/ INCLUSIVE ACTIVITY(WEEKLY)	ART INTEGRATED ACTIVITY/ART INTEGRATED PROJECT	PRA CTIC ALS	ASSESSMENT(INCLUDE 50% COMPETENCY BASED ASSESSMENT)	TIME SPENT FOR PROJECT AND HOMEWOR K
April	गद्य: नमक का दरोगा	5	विद्यार्थी कहानी की घटनाओं को समाज की वर्तमान स्थिति से जोड़कर स्पष्ट कर सकेंगे।	कहानी में वर्णित नैतिक मूल्यों को उदाहरण देकर स्पष्ट कीजिए।	कहानी में घटित किसी प्रसंग विशेष को लघु नाटिका के रूप में प्रस्तुत कीजिए।		पाठाधारित गद्यांश पर आधारित प्रश्न-उत्तर	5
	अभिव्यक्ति और माध्यम: *जनसंचार माध्यम *पत्रकारिता के विविध आयाम	10	विद्यार्थी संचार तथा पत्रकारिता के विविध प्रकारों को समझ कर दैनिक जीवन से संबंध कर सकेंगे	अपने प्रिय समाचार पत्र/ पत्रिका के बारे में लगभग 100 शब्दों में टिप्पणी लिखिए। क्या आपको लगता है कि आपका पसंदीदा समाचार पत्र/ पत्रिका आपको सूचना, शिक्षा और मनोरंजन प्रदान करते हैं?	इंटरनेट पत्रकारिता ने दुनिया को किस प्रकार समेट लिया है पीपीटी के माध्यम से समझाइए।		लघु प्रश्नावली	4

JUNE	गद्य: मियां नसीरुद्दीन	5	विद्यार्थी हिंदी के साथ-साथ अन्य भाषाओं को भी सीखने का प्रयास करते हुए उनकी प्रकृति और अंतर्रसंबंधों के प्रति जागरूक बन सकेंगे।	पाठ में प्रयुक्त प्रादेशिक एवं विदेशी शब्दों का चयन कर उनका स्रोत बताइए।	किसी क्षेत्रीय कलाकार का साक्षात्कार लेते हुए कला विशेष कै विषय में विस्तृत जानकारी दीजिए।	बूझो तो जानें	3
	पद्य : कबीर	6	कविता के गठन और संरचना में आवश्यक तत्व, छंद के प्रकार और नियमों को समझ सकेंगे।	भक्ति काल के प्रमुख कवियों के नाम एवं उनकी प्रमुख रचनाओं का उल्लेख कीजिए।	कबीर के पदों को लयबद्ध कर कक्षा में सुनाइए।	द्रुत वाचन	3
	अभिव्यक्ति और माध्यम: *डायरी लेखन *कथा पटकथा	8	विद्यार्थी डायरी लेखन विधा के माध्यम से अपनी स्मृतियों को सहज सकेंगे।	पटकथा लिखने समय किन-किन बातों का ध्यान रखना जरूरी है?		डायरी लेखन	2

JULY	गद्य; विदाई संभाषण	5	व्यंग्यात्मक भाषा-शैली के प्रयोग को समझते हुए लघु कथा अथवा कविता का लेखन कर सकेंगे।	वर्तमान हालात को चित्रित करती हास्य-व्यंग्य शैली में एक कहानी लिखिए।	कविता 'घर की याद' में चित्रित शब्द-चित्र को रंगों की सहायता से पोस्टर पर चित्रित कीजिए।	प्रथम त्रैमासिक परीक्षा सार लेखन	1 3
	पद्य: * मीरा के पद	5	कविता पढ़कर उसके शब्द चित्रण में सक्षम हो सकेंगे।	मीरा के पदों का काव्य-सौंदर्य स्पष्ट कीजिए।			2.5
	* घर की याद	6	स्वतंत्रता सेनानियों की मानसिक पीड़ा से अवगत हो सकेंगे।	क्या कभी ऐसा हुआ है कि आपको किसी कारणवश घर से दूर रहना पड़ा हो? अपने अनुभवों को कक्षा में मित्रों के साथ साझा कीजिए।		लघु प्रश्नोत्तरी एवं विस्तृत चर्चा	
	अभिव्यक्तिऔर माध्यम: *कार्यालयी लेखन और प्रक्रिया *स्ववृत लेखन और रोजगार संबंधी आवेदन-पत्र	8	कार्यालय लेखन की कला सीख करअपने व्यावहारिक जीवन में उसका उपयोग कर सकेंगे।		विद्यालय की किसी विशेष बैठक के अवसर पर कार्य-सूची एवं कार्यवृत तैयार कीजिए।		2

AUGUST	पद्य: चंपा काले- काले अक्षर नहीं चीन्हती	5	शिक्षा के महत्व को समझते हुए समाज में शिक्षा के प्रसार मैं सहायक बन सकेंगे।	अपने किसी निकटवर्ती गांव में जाकर साक्षरता के आंकड़े एकत्र कीजिए और बताइए कि सरकार के द्वारा साक्षरता के प्रसार हेतु कौन-कौन-सी सुविधाएँ प्रदान की गई हैं ?	समाज की किसी समस्या पर एकल अभिनय कीजिए।		विस्तृत चर्चा	3
	वितान : भारतीय गायिकाओं में बेजोड़ ;लता मंगेशकर	10	सुगम संगीत एवं शास्त्रीय संगीत केअंतर को समझ सकेंगे।सतत अभ्यास के महत्व को समझेंगे।	'स्वप्न में लता जी से मेरी मुलाकात' विषय पर एक अनुच्छेद लिखिए।	कक्षा में रुचि के अनुसार सुगम संगीत अथवा शास्त्रीय संगीत सभा का आयोजन कीजिए।		पाठाधारित गद्यांश पर आधारित प्रश्नोत्तरी।	5
	अभिव्यक्ति और माध्यम : *शब्दकोश,संदर्भ ग्रंथों की उपयोगी विधि और परिचय *अनुच्छेद लेखन	4	विद्यार्थी शब्दकोश एवं संदर्भ ग्रंथ के माध्यम से अपने भाषा- ज्ञान को समृद्ध कर सकेंगे।		नवीन शब्दों के निर्माण पर आधारित वर्ग- पहेली बनाइए।		लघु प्रश्नोत्तरी	2

SEPTEMBER	पद्य : गज़ल	4	गज़ल की सामाजिक सार्थकता पर तर्क-वितर्क कर सकेंगे।	गज़ल और गीत में क्या अंतर है? उदाहरण देकर स्पष्ट कीजिए।	किसी प्रसिद्ध शायर की सुंदर गज़ल लिखिए।		सुस्पष्ट वाचन	1
	अर्धवार्षिक परीक्षा		अर्धवार्षिक परीक्षा	अर्धवार्षिक परीक्षा	अर्धवार्षिक परीक्षा		अर्धवार्षिक परीक्षा	3
OCTOBER	गद्य: *गलता लोहा	6	अन्याय के विरुद्ध खड़े होना सीखेंगे। विविध क्षेत्रों में विधिक व्यवसाय में प्रयुक्त होने वाली शब्दावली के विषय में जानेंगे और उसकाउपयोग प्रयोग कर सकेंगे।	'जातिगत आधार पर व्यवसाय का चयन किस प्रकार देश के विकास में बाधक है' विषय पर विस्तृतचर्चा कीजिए।	'समाज में दिनों दिन बढ़ती ट्यूशन वृत्ति की समस्या' पर आधारित लघु फिल्म बनाइए।		समस्या समाधान प्रश्नावली	2
	* रजनी	6					पटकथा लेखन	5
	पद्य: *हे भूख ! मत मचल *हे मेरेजूही के फूल जैसे ईश्वर	6	अहंकार का त्याग एवं इंद्रिय नियंत्रण जैसे महत्वपूर्ण गुण को समझकर आत्मसात कर सकेंगे।	भक्ति काल के प्रमुख रचनाकारों के विषय में जानकारी एकत्र कर पीटी बनाइए।	पद की संगीतमय प्रस्तुति कीजिए।			2

NOVEMBER	गद्य : जामुन का पेड़	6	विद्यार्थी पाठ में आए विभिन्न विभागों के नाम तथा उनकी कार्यशैली से परिचित हो सकेंगे।	पाठ में प्रयुक्त सभी तकनीकी शब्दों को चुनकर लिखिए एवं उनके अर्थ जानिए।	विश्व भर में पाए जाने वाले कुछ अनोखे फलों केबारे मेंसचित्र जानकारी एकत्र कर कलात्मक संग्रह का निर्माण कीजिए।	तकनीकी शब्दावली का प्रयोग	6
	पद्य: सबसे खतरनाक	8	विद्यार्थी मानव जीवन के लिए सबसे खतरनाक परिस्थितियों को समझ सकेंगे।			परिचय देना	2
	वितान: राजस्थान की रजत बूंदे	10	विद्यार्थी राजस्थान जैसे सूखे क्षेत्र में जल की समस्या को समझेंगे तथा जल संरक्षण के लिए सबको प्रेरित कर सकेंगे।	जल संकट पर एक पोस्टर बनाकरजल संरक्षण का संदेशनारे के रूप में लिखिए।	तालों की नगरी भोपाल के प्रसिद्ध बड़े तालाब का आकर्षक छायाचित्र लेकर विद्यालय की कला दीर्घा में लगाइए।	तात्कालिक भाषण	4

DECEMBER	गद्य :भारत माता	4	विद्यार्थी भारत माता के सही अर्थों को समझ कर एकता के सूत्र में बँध सकेंगे।	भारत के मानचित्र पर सभी प्रदेशों को दर्शाते हुए वहां की जनसंख्या के आंकड़े भी लिखिए।	अपनी कलापुस्तिका में विशेष पर्व पर बनाए जाने वाले मांडने का रेखाचित्र तैयार कीजिए।		वाद विवाद	4
	पद्य : आओ मिलकर बचाएं	6	विद्यार्थी आधुनिकता की दौड़ में लुप्त होती संस्कृति के संरक्षण हेतु संकल्पबद्ध हो सकेंगे।	किसी आदिवासी समाज के पारंपरिक सामाजिक एवं सांस्कृतिक छवि को दिखलाता हुआ वृत्त चित्र बनाइए।			बूझो तो जाने	2
	वितान :आलो आँधारि	7.5	बेबी हालदार के जीवन से संघर्ष की प्रेरणा ले सकेंगे।	प्रमुख महिला रचनाकारों एवं उनके प्रमुख कृतियों के नाम लिखिए।	आपके घर में कार्य करने वाली घरेलू सहायिका से बातचीत कर उसके जीवन और परिवार के विषय में जानकारी एकत्र कीजिए।			3
	द्वितीय त्रैमासिक परीक्षा						द्वितीय त्रैमासिक परीक्षा	

JANUARY	पाठ्यक्रम की पुनरावृति वार्षिक प्रायोगिक परीक्षा		पुनरावृति	पाठ्यक्रम की पुनरावृति			वार्षिक प्रायोगिक परीक्षा	
FEBRUARY	वार्षिक परीक्षा						वार्षिक परीक्षा	
MARCH								
	Total Teaching Time	**140.5 hrs**					**Total Non Teaching Time**	**69.5 hrs**

Total Teaching Hours : 140.5 + 69.5 = 210 Hrs

NAME OF INCHARGE TEACHERS: **SUNITA BHATNAGAR**   **SIGNATURE OF SUBJECT CO-ORDINATOR:**

   SIGNATURE OF PRINCIPAL:

CARMEL CONVENT SR SEC SCHOOL,RATANPUR,YEAR PLANNER:2024-25

CLASS : XI   **SUBJECT: MATHS CORE (041)**

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	PRACTICALS	ASSESSMENT (INCLUDE 50% COMPETENCY BASED ASSESSMENT)	TIME SPENT FOR PROJECT AND HOME WORK
JUNE	**SETS AND FUNCTIONS** Sets and their representations, Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations). Universal set. Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of Complement.	12	develops the idea of Set from the earlier learnt concepts in number system , geometry etc.		MCQ WORK SHEETS	8
JULY	**RELATIONS AND FUNCTIONS** Ordered pairs. Cartesian product of sets.Number of elements in the Cartesian product of two finite sets. domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of functions. **Trigonometric Functions** Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Truth ofthe identity $\sin^2 x + \cos^2 x = 1$, for all x. Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs. Expressing $\sin(x\pm y)$ and $\cos(x\pm y)$ in terms of sinx, siny, cosx & cosy and their simple applications	33	identifies relations between different sets. relates earlier learnt concept of trigonometric ratios to functions and evolves the idea of trigonometric functions.	1. To verify distributive law for three given non-empty sets A, B and C, that is $A\cup(B\cap C)$ $=(A\cup B)$ $\cap(A\cup C)$.	PT1 (CHAPTER – 1 REAL NUMBERS) EXTRA QUESTIONS	10

	Complex Numbers and Quadratic Equations Need for complex numbers, especially$\sqrt{-1}$, to be moθvated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane		Extends the idea of real numbers to a larger system of complex numbers.			
AUGUST	***Linear Inequalities*** Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line **Permutations and Combinations** Fundamental principle of counting. Factorial *n.* (n!) Permutations and combinations, derivation of Formulae for $^{n}P_r$ and $^{n}C_r$ and their connections, simple applications. **Binomial Theorem** Historical perspective, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, simple applications.	18	Demonstrates strategies for solving systems of linear inequalities. Applies the ideas of permutations and combinations to daily life situations of arranging and grouping the objects. Develops the idea of Binomial theorem For a positive integral index from the earlier learnt concept of finding squares and cubes of binomials.	2. To verify the graph of the given inequality and representation on half plane 3. To find the number of ways in which three cards can be selected from given five cards 4.To construct a Pascal's triangle and to write binomial expansion for a given positive integral exponent	CBQ WORK SHEET PPT	8
Sept.	**Sequence and Series** Sequence and Series. Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of *n* terms of a G.P., infinite G.P. and its sum, geometric	9	Extends the ideas related to Arithmetic progressions learnt	5. To demonstrate that the arithmetic mean of two	WORK SHEET TERM 1	12

	mean (G.M.), relation between A.M. and G.M.		earlier to new types of sequences and their series.	different positive numbers is always greater than Geometric mean.		
OCT.	**Straight Lines** Brief recall of two dimensional geometry from earlier classes. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point - slope form, slope-intercept form, two-point form, intercept form, Distance of a point from a line. **Conic Sections** Sections of a cone: circles, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle	24	Constructs different forms of a straight line using the earlier learnt concepts of coordinate geometry. Analyses different curves like circles, ellipses, parabolas and hyperbolas based on the ideas developed for straight lines using coordinates.		EXTRA QUESTIONS CBQ	10
NOV.	**Introduction to Three dimensional Geometry** Coordinate axes and coordinateplanes in three dimensions. Coordinates of a point. Distancebetween two points. **Limits and Derivatives** Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions.	38	Develops strategies of locating a point In three dimensions based on the concepts of two dimensional coordinate geometry. Evolves the concepts of limit and derivative of a function by analyzing the behaviour of		MCQ CBQ WORK SHEET	6

	Statistics Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data.		functions when the corresponding variable approaches a certain value. Applies Measures of dispersion to get a better interpretation of data of different daily life situations.			
DEC.	**Probability** Events; occurrence of events, 'not','and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events.	12	Builds up the axiomatic approach to Probability through the terms, random experiment, Sample space, events etc.		WORK SHEET CBQ PT2	10
JAN.	FULL SYLLABUS				FINAL EXAM	8

NAME OF INCHARGE TEACHER: Mrs. Anamika Chugh
                            Mr. Nikhilesh Puraswani

SIGNATURE OF SUBJECT CORDINATOR   SIGNATURE OF PRINCIPAL

CARMEL CONVENT SR SEC SCHOOL, RATANPUR YEAR PLANNER 2024-25

Class: XI   Subject: SANSKRIT

MONTH	NAME OF THE UNIT/CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/INTERNAL ASSESSMENT(SEA&MT)/INCLUSIVE ACTIVITY (WEEKLY)	ART INTEGRATED ACITIVITY/ART INTEGRATED PROJECT	PRACTICALS	ASSESSMENT (INCLUDE 50% COMPETENCY BASED ASSESSEMENT)	TIME SPENT FOR PROJECT AND HOMEWORK
APRIL	प्रथमः पाठः - कुशल प्रशासनम् संस्कृत साहित्य का इतिहास प्रथमः पाठ : संस्कृत भाषा उदभव एवं विकास	6 6	एक कुशल प्रशासनिक के क्या गुण होते हैं गद्यांश को पढकर साहित्य संबन्धी सौन्दर्य का बोध कराना	संवादात्मक गतिविधि से प्रत्येक छात्र को लक्ष्मण और सीता के पांच गुण बताने होगें एक कुशल नेता के पाच गुणों को लिखें	बिहार के प्रमुख तीर्थ स्थल गया जी तथा मध्यप्रदेश के प्रमुख तीर्थ स्थलों को कोलाज के माध्यम से प्रदर्शित कीजिये?		राज्ञः कृते कीदृशः मन्त्री क्षेमकर: भवेत्? का भाषा देववाणी कथ्यते?	महाभारत का युध्द कब, कहाँ और क्यों हुआ? अपने शब्दों में चार्ट के माध्यम से दर्शाइये। 20 घण्टे
JUNE	तृतीयः पाठः- सूक्तिसुधा द्वितीयः पाठ: वैदिक साहित्य	6 6 6	मनुष्यों को कैसे स्थान पर रहना चाहिए	गायन कौशल श्लोकों का सस्वर गायन करें सत्संगति की महिमा पर पाच वाक्य लिखें	महाकवि कालिदास की कोई दो कृतियों का		मूर्ख: कथं प्रवीणताम् याति?	किन्ही दश सूक्तियों का संग्रह अर्थ सहित कीजिये? 10 घण्टे

			मनुष्यों का सच्चे अर्थों में मित्र कौन होता है गुणों की उपयोगिता सत्संगति का महत्व		संक्षिप्त सचित्र वर्णन कीजिये?			
JULY	पंचम:पाठ:-वीर:सवदमन: तृतीयः पाठ:रामायण महाभारत एवं पुराण	8 8 8	शकुन्तला और दुष्यन्त के बारे में बताकर नाट्य तत्वों के बारे में अवगत कराना	इसी तरह की कोई अन्य कथा के बारे में बताये वीर बालक भरत के कोई पाच वीरतापूर्णकार्य लिखिये ।			भरतस्य मातुः नाम किम् आसीत्? PT 1 Chapter 1,2	चारों वेदों का संक्षिप्त विवरण दीजिये? 10 घण्टे
AUGUST	षष्ठ:पाठ:-शुकशावकोदन्त: व्याकरण सन्धि समास	8 10 8	बाणभटट की कृति कादम्बरी के बारे में बताकर पाठ में प्रयुक्त सन्धि	चिन्तन कौशल के विकासार्थ इस तरह की कोई अन्य कहानी के बारे में बताऐं	जल ही जीवन है इस विषय पर सरोवर का चित्र बनाकर पाँच वाक्य देववाणी में लिखिये?			

			समास व प्रत्ययों अलग करने की क्षमता का विकास करना					
SEPTE MBER	अष्टम:पाठ:सं गीतानुरागी सुब्बहण नवम:पाठ:- वस्त्र विक्रयं	10 6 8	अष्टम:पाठ: संगीतानु रागी सुब्बहण राजा सुब्बहण के बारे में बताकर उनका संगीत के प्रति अनुराग तथा किस प्रकार ब्राह्मण पुत्र की कला से मोहित होकर उसे	लेखन कौशल का विकास तथा तबला के उदगम के बारे में बताइये किन्हीं पाच स्वतन्त्रता सेनानियों के बारे में अवगत कराइये कोई दो प्रसिद्ध संगीतकारों के नाम बताइये अग्रेजी हुकूमत में भारतीयों की स्थिति के बारे में अवगत कराइये			Term 1 Chapter 1,3,5,6	भारत में होने वाली ऋतुओं के बारे में अवगत कराते हुए आचार्य चरक की संहिता के आधार पर रहन सहन और खान पान कोलाज बना कर प्रस्तुत कीजिये? 20 घण्टे

			पुरस्कृत किया नवम:पाठः - वस्त्र विक्रयं भारतीय जुलाहों पर अंग्रेजों द्वारा गये अत्याचारों के बारे में अवगत कराना					
OCTOBER	दशम: पाठः यद्भूतं तदहितं तत्सत्यम् प्रत्यय	6 10	असत्य हो लेकिन लोक कल्याणकारी हो तो उसे असत्य नहीं कहते	जल की स्वच्छता पर अपने विचार प्रस्तुत कीजिये गुरु शिष्य परम्परा का कोई अन्य उदाहरण लिखें			भरतस्य स्वभावः कीदृशः आसीत्?	अभिज्ञान शाकुन्तलम् नाटक का संक्षिप्त सारांश अपने शब्दों ऊ लिखिये? 9.5 घण्टे
NOVEMBER	एकादश:पाठः स:मे प्रिय कारक उपपदविभक्ति वाच्य परिवर्तन	6 10.4	भगवान द्वेषरहत मित्रतावा दीननरहंकारी सुख दुःख में समभाव	**महाभारत के किसी एक चरित्र के बारे में अवगत कराइये** **महाभारत का युद्ध किस किस के बीच हुआ बताइये**			मुनिः कैः कारणैः चिन्तितः आसीत्?	

	अशुद्ध को शुद्ध कीजिये	6	रहने वाले पर कृपा करते हैं श्लोकों का अन्वय व भावार्थ लिखिये					
DECEMBER							PT 2 Chapter 8,9	
JANUARY								
February							Final exam Chapter 1,3,5,6,8,9,10,11	
MARCH								

NAME OF THE SUBJECT TEACHER: SANGEETA YADAV

SIGNATURE OF THE SUBJECT COORDINATOR:

PRINCIPAL'S SIGNATURE :

CLASS : XI   SUBJECT: COMPUTER SCIENCE

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	PRACTICALS	ASSESSMENT(INCLUDE 50% COMPETENCY BASED ASSESSMENT)	TIME SPENT FOR PROJECT AND HOMEWORK
JUNE	Unit 1: COMPUTER SYSTEM OVERVIEW - Data Representation Programming and Computational Thinking :Familiarization with the basics of programming i.e. process of writing a program, running it and print statements. • The notion of a variable and methods to manipulate it. • Knowledge of data-types and operators: accepting input from the console, assigments, expressions and their procedures • Conditional statements : if, if-else, if-elif-else • Idea of debbuging: errors and exceptions: break points • Data representation • Conversions from among the four number systems	10	Intellectual Skills: learners must be able to understand the concept in depth to acquire the highest learning outcomes.Gaining knowledge is the basic learning outcome expected from a student. Students will be able to. Write and test conditional expressions using comparison ...	Interest calculation, sort 3 numbers, divisibility factorials	When would you prefer nested `if/else` statements over `elif`?	15
JULY	List manipulation: • creating and accessing • List operations • working with lists • List functions and Methods Tuples • Creating and accessing tuples	10	Both List and Tuple is sequential arrangement of data. Student understands how to use less variables and process more data.	Find the output of the code based on list and tuples.........which is given?	Why are tuples and lists called immutable and mutable data types in Python?	20

	• Tuple operations • Tuple function and methods		Learning outcome is to assign multiple values to a single varible and to keep it safe as tuple is immutable			
August	Dictionaries • Dictionary:-key:value pair • Working with dictionaries • Dictionary functions and methods Boolean Logic: • Binary valued quantities • basic logic gates • basic postualtes • Principle of duality • Basic theorems of Boolean Algebra • DeMorgan's theorem • Simplifying a Boolean expression • More about Logic gates	30	Learning outcome is...without using index numbers how to access values using a key....thus handling data which is randomly arranged. Learning outcome is the processing of data in the form of 0 and 1. Working of electronic circuit boards.	How to create a dictionary and how does it get differentiated with lists and tuples	How dictionary is relevant to the real world? How do you add key:value pair to an existing dictionary?	10
Septe mber	String Manipulation: • Traversing a string • String operators • string slices • string functions and methods Data Management • Relational Databases • Simple queries in SQL • MYSQL functions • Table creation and data manipulation commands • Table Joins and Indexes in SQL • Basics of NOSQL Database	20	think & act "out of the box" * Projec work : problems related to String, Number manipulation * Memory Game: A number guessing game with appli cation containing randomly generated numbers in pairs hidden inside boxes. (similar type of games for project in a group of 2-4 students) *	Programming Problem in Python to be developed and tested in computer during lab activity period: * Testing on the basis of : Logic,Documentati on/ Identation and Output presentation Creating multiple databases	How are string internally stored? Can a string value be edited? How and what are different terminologies used in MySQL?	20

CLASS : XI
SUBJECT: COMPUTER SCIENCE

Month	Topics		Learning Outcome			
October	• Databases in MySQL • Creating tables Understanding sorting: • What is sorting • Bubble sort • Insertion Sort Cyber Safty : • What is Cyber Safty? • Safely browsing the web • Identity Protection while using internet • Confidentiality of Information • Cybercrime • Common Social networking sites • Appropriate usage of Social networks	20	Student learn how to make presentation based on research : It will be a group presentation based on a detailed study of at least two technology inventions in the field of information technology, which may include Inventor's name with country, out of box contributions year of invention, characteristics, social impact and uses.	Using List and implementing different Sorting techniques What makes your online identity? What is private browsing/	How is SELECT different from print of Python?	15

November	Online Access and Computer Security
	• threats to Computer Security
	  ○ Computer viruses
	  ○ Spyware
	  ○ adware
	  ○ spamming
	  ○ PC Intrusion
	  ○ Eavesdropping
	  ○ Phishing and Pharming
	  ○ Cookies
		5	Students learning outcome will be motor skill development which deals with improving a student's ability to plan & take appropriate action in terms of their physicality. They must work towards their mental health & social presence.	What is Digital Foot print?
				
				Explain :
				 Cyber Bullying
				 Cyber Stalking
				What you should do – the Usage Rules of Internet
					Project: ART Integrated Workbook with minimum 20 programs	10

December	• Solutins to Computer Security Threats
	  ○ Solutions to Spyware, Adware and Viruses
	  ○ Solutins to spam, Eavesdropping
	  ○ Solution to PC intrusion
		5	Students must be able to gather and pass on valuable information to others. So, in this learning outcome, students are supposed to create a value system of	What should your response be if you receive an email stating that you have won a lottery or	Presentation on :
					• firewall
					• Cookies
					• Strong Password
					• Phishing
						10

	• Firewall – An important Solution for Computer Security		knowledge by first gaining it & then sharing it with the world.	received some inhertance from an unknown person?	• Spyware	
January	FULL SYLLABUS				FINAL EXAM	10

NAME OF INCHARGE TEACHERS: Lata Iyer   SIGNATURE OF SUBJECT CORDINATOR:

SIGNATURE OF PRINCIPAL: