

**ANNUAL
CURRICULUM PLAN
CLASS: XI-COMMERCE**

SESSION 2024-25

ENGLISH

Month	Lesson & Topics	No. of	Learning Objectives	Methodology	Teaching Aids / Resource	Experiential Learning	Assessment Tools	Learning Outcomes
June	The Portrait of A Lady	3	it is a loving tribute to his grandmother and emotional bond shared with her	Explanatory/Group Discussion	chart/formats based on topics/NCE RT textbooks	we	pen paper test /mcq/oral test	throws light on the need of companionship and friendship not only by human being but also by animal and birds
	The Summer of the Beautiful White Horse	3	adventure and thrill of youth and strong tribe character	Reading, Explanation/Quiz	chart/formats based on topics/NCE RT textbooks	Will enhance the communicative skill and critical thinking	pen paper test /mcq/oral test	importance of keeping the values of trust and honesty
	Poem- A Photograph	2	is developing a aesthetic sense among the learners. Memories are not restricted to one's head	Explanatory/recitation	chart/formats based on topics/NCE RT textbooks	will enhance the child's language expression and vocabulary	pen paper test /mcq/oral test	throws light on the message of impermanence of life
	Writing Skills- Notice, Advertisement	3	Learn new forms of advertising techniques	Format explanation/smart board. W. test	chart/formats based on topics/NCE RT textbooks	will enhance the creative thinking	pen paper test /mcq/oral test	Enhanced the knowledge of vocabulary and creative writing
July	Writing Skills - Poster	2	Will enable the learner to express their ideas cohesively	Drawing poster for various reasons	chart/formats based on topics/NCE RT textbooks	Will help the students in showcasing their creative aspects	pen paper test /mcq/oral test	Enhanced the knowledge of vocabulary and creative writing
	We Are Not Afraid To Die	3	learners will be acquainted to a new kind of adventure, action, suspense	Reading, Explanation/Quiz	chart/formats based on topics/NCE RT textbooks	Will enhance the communicative skill and critical thinking	pen paper test /mcq/oral test	learners will appreciate and imbibe the never say die attitude and strengths of hope

	Discovering Tut	3	Explains Egyptian beliefs and traditions about the afterlife	Lecture and interactive/Debate	chart/formats based on topics/NCE RT textbooks	will develop the quality of crossing examining and will bring clarity and organization in language	pen paper test /mcq/oral test	throws light on the physical as well as mental participation to heritage and culture
August	The Address	3	of crisis that was an individual encounter in our daily life	Reading, Explanation/Quiz	chart/formats based on topics/NCE RT textbooks	Will enhance the communicative skill and critical thinking	pen paper test /mcq/oral test	Importance of memory in one's life how a girl overcomes all the hardships and wanted to preserve all the memories of her mother
	The Voice of the Rain	2	comparative study between human life and nature	Explanatory/recitation	chart/formats based on topics/NCE RT textbooks	will enhance the child's language expression and vocabulary	pen paper test /mcq/oral test	Importance of love, reunion, and long lasting relationship.
	Landscape of the Soul	4	presents two instances of paintings to show the beauty and difference in the perception of painters	Lecture and interactive/Speech	chart/formats based on topics/NCE RT textbooks	will enhance the voice modulation and gesture of the child	pen paper test /mcq/oral test	the significance of history in establishing the identity of a culture

ECONOMICS

Months	No. of Working Days	Topics	Learning Objectives	Teaching Tools / Resources	Methodology/ Activities	Experiential Learning	Assessment Tools	Learning Outcome
APRIL	22	introduction: simple economy. Central problems of the economy.	students will understand different economic terminologies.	newspaper, magazine	lecture method, activity-brainstorming	This process is useful for generating creative thoughts and ideas.	pen paper test, class response, project work, oral questions	at the end of the topic students are expected to become economically literate decision-makers.
JUNE	15	Introduction: simple economy. Central problems of the economy, organisation of economic activities, positive and normative economics, micro and macroeconomics	students will develop knowledge and understanding about: i. economic terminology and concepts	newspaper, magazine, internet	lecture method, discussion method, activity-group discussion	children will know how an economy functions:- the role of market forces in determining the price of product.	pen paper test, class response, project work, oral questions	at the end of the topic students are expected to become economically literate decision-makers and should be capable of understanding of scarcity, choice and cost as the basis of economic problems.
JULY	26	1. Theory of consumer behaviour. 2. Production and Costs. 3. theory of the firm under perfect competition. 4. Market equilibrium.	1. i. consumer's budget ii. Preferences of the consumer iii. . optimal choice of the consumer. iv. . Demand v. . Market demand vi. Elasticity of demand. 2. i. production function. ii. the law of variable proportion. iii. return to scale. iv. costs.	newspaper, magazine	lecture method, activity-worksheet	students will develop confidence while solving numerical	pen paper test, class response, project work, oral questions	students will now develop sense of product preference

AUGUST	24	3. theory of the firm under perfect competition. 4. Market equilibrium. 5. i. Non-competitive market	1. perfect competition: defining features, revenue, profit maximisation, supply curve of a firm, determinants of a firm's supply curve, market curve, price elasticity of supply. 2. market equilibrium: equilibrium, excess demand, excess supply. a. students will learn about simple monopoly and duopoly market.	newspaper, magazine	Lecture method, interactive method Activity- project will given to study different market structures	projects are useful in developing interdependence, organisational skills, resourcefulness and a sense of ownership over work.	pen paper test, class response, oral questions	an appreciation of the connection between the learner and his/her social environment at present and through time, developed through understanding various economic agents, events and rules.
OCTOBER	19	ii. other non-perfectly competitive markets	students will know about the market structure	newspaper, magazine	lecture method, activity-discussion	students will have a better understanding of the topic by discussing about different markets and hence will learn the characteristic without actually mugging them up.	pen paper test, class response, oral questions	students will come to know about different types of markets
NOVEMBER	19	unit- 1. introduction of statistics. Unit- 2. collection, organisation and presentation of data	1. i. meaning, scope and importance of statistics 2. i. Collection of data ii. Organisation of data iii. Tabular presentation	newspaper, magazine, internet	Demonstration method Activity-worksheet	this will help students know how data is collected and organised before graphic representation	pen paper test, class response, oral questions.	an introduction of the topic will help them understand what statistics is all about.

DECEMBER	21	unit-2 collection, organisation and presentation of data unit-3 statistical tools and interpretation	iv. diagrammatic presentation v. graphic presentation 3.i. measures of central tendency - arithmetic mean	newspaper, magazine, internet	lecture method, activity - worksheet	this will help students to plot data on graph.	pen paper, class response, oral question	this will help students know how statistical tools help in interpretation of data
JANUARY	23	UNIT-3 statistical tools and interpretation	ii. Measures of central tendency - median and mode iii. Measure of dispersion iv. Measure of correlation v. index numbers.	newspaper, magazine	lecture method, activity - demonstration.	the more they solve numericals the better will be student's statistical skills	pen paper, class response, oral question	this will help students know how statistical tools help in interpretation of data

Accountancy

Month	Lesson&Topics	No. of Periods	LearningObjectives	Methodology	Experiential Learning	TeachingAids/ Resources	Assessment Tools	LearningOutcomes
June	UNIT-1 Introductionto accounting	8	To familiarizethestudents about Meaning of accounting, objectives of accounting, role of accounting, Qualitative characteristics of accounting, importanceof accounting and its implementation in companyas well as in our real life.	Lecture methodand interactive method.	Projects, Companyy visit,Field trip &Survey	Smart Board PPT, s and ref book , Text book for Accountancypart- A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive accountancy	Pen-papertest, Numerical question will solve by students in class room, classresponse, and assignments.	Students willbe able to learn and understand the meaning and need of accounting, will able to discuss accounting as a source of information , identify the internal and external users ofaccounting information, explosionthe objectives of accounting, describe the role ofaccounting and its implementation incompany as well as in our real life.

June	UNIT-2 Accounting terminology-terms used in accounting.	7	To familiarize the Learner about Introduction of AS, important accounting terms (As per CBSE Syllabus)	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to learn and understand the basic terms used in accounting.
June	UNIT-3 Theory base of accounting-	7	To know different accounting principles, Basic accounting concepts, Basic assumptions of accounting, Modifying principles of accounting, Accounting standards	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to identify the need for theory base of accounting, explain the nature of generally accepted accounting principles, describe the meaning and purpose of basic accounting.
June	UNIT-4 Bases of accounting	9	To familiarize the students about Accrual basis and cash basis.	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to describe the various basis of accounting.

July	UNIT-5 Accounting standard	6	To familiarize the students about Meaning and concept of different accounting standard.	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-	Pen-paper test, Numerical question will solve by students in class room,	Students will be able to understand accounting standard
July	UNIT-6 Accounting Equation	14	To familiarize the students about Meaning of an accounting equation & effect of various transactions on the accounting equation	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to apply accounting equation to explain the effect of transactions.
July	UNIT-7 Rules of Debit and Credit	6	To understand the Meaning and Rules of Debit and credit, modern Approach & Traditional Approach.	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to apply the rules of debit and credit in various transactions to record in journal, to classify transactions.

July	UNIT-8 Origin of transactions	4	To familiarize the students about Source Documents, Voucher, Types of Vouchers & Preparation of Vouchers	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to -describe the nature of transactions and source documents, explain the preparation of accounting vouchers.
August	UNIT-9 Journal	22	To aware students about Meaning of Journal, Characteristics or features of a journal, Advantages of a journal, Limitations of a journal, Steps in journalizing, Recording of Transactions in Journal.	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to explain the concept of book of original entry and recording of transactions in journal
August	UNIT-10 Ledger	16	To aware students about Meaning of Meaning, utility, format, posting from journal	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to; explain the concept of ledger and posting of journal entries to ledger accounts

September	UNIT-11 Trial balance	12	To familiarize the students about the meaning, importance and utility of trial balance	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book, Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to state the meaning of trial balance; enumerate the objectives of preparing trial balance; prepare trial balance;
September	UNIT-12 Special purpose book-I (Cash book)	18	To familiarize the students about Introduction, Meaning of subsidiary books, cash book, single column cash book, Double column & petty cash book	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book, Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	state the need for special purpose books, record the transactions in cash book and post them into ledger; prepare the petty cash book;
October	UNIT-13 Special purpose book-II (other than Cash book)	14	To familiarize the students about introduction, Purchases book, sales book, purchase return, sales return & Journal proper	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book, Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	record the transactions in special purpose books; post entries in the special purpose books and to the ledger balance the ledger accounts

October	UNIT-14 Bill of Exchange-	14	To familiarize the students about Meaning of bill of exchange, promissory note, advantages of bill of exchange, maturity of bill, discounting of bill, endorsement of bill, accounting treatment, dishonour of bill, renewal of bill, retiring of bill, bills receivable and bills payables	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book, Text book for Accountancy part-A by NCERT and Refresher by T.S. Grewal, P.C. Tulsian, Comprehensive accountancy	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	state the meaning of Bill of exchange and Promissory note; distinguish b/w bill of exchange and promissory note; state the advantages of bill of exchange; explain the meaning of different terms involved in bill transaction; record bill of exchange transaction in journal; describe the uses of bill receivable book and bill payable book
November	UNIT-15 . Bank Reconciliation Statement	18	To know the Need for reconciliation, preparation of bank reconciliation statement, Causes of difference in Cash book and pass book balances	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book, Text book for Accountancy part-A by NCERT and Refresher by T.S. Grewal, P.C. Tulsian, Comprehensive	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to -state the meaning and need for the preparation of bank reconciliation statement; identify causes of difference b/w bank balance as per cash book and pass book; prepare the bank reconciliation statement, ascertain the correct bank balance as per cash book;

November r	UNIT-16 Depreciation	22	meaning, need and factors affecting depreciation, methods of calculating depreciation- Straight line method and Written down value method, disposal of asset,	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S. Grewal, P.C. Tulsian, Comprehensive accountancy	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to - explain the meaning of depreciation ; state the need for charging depreciation and identify its causes; compute the depreciation using straight line and written down value methods; record transactions relating to depreciation and disposition of assets.
December	UNIT-17 Rectification of errors-	14	searching of errors and rectification of errors, Suspense account- meaning, utility , preparation of suspense account and treatment of balance of suspense a/c.,	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S. Grewal, P.C. Tulsian, Comprehensive accountancy	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	explain the types of errors, state various processes of locating errors, identify errors, rectify the errors without preparing suspense account and by preparing suspense account.

December	UNIT-18 Provision and Reserves	8	To aware to students about provision, reserve, secret reserve	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book, Text book for Accountancy part-A by NCERT and Refresher by T.S. Grewal, P.C. Tulsian,	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to understand the meaning and purpose of creating provisions and reserves; distinguish b/w provisions and reserves; explain the nature of various types of provisions and reserves including secret reserve.
January	UNIT-19 Financial statements (without adjustments)	18	meaning and importance, uses, Trading account, Profit and Loss account, Balance sheet and their preparation without adjustments	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book, Text book for Accountancy part-A by NCERT and Refresher by T.S. Grewal, P.C. Tulsian, Comprehensive	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to understand the meaning of Final accounts. To prepare trading a/c, profit and loss a/c and Balance sheet. To classify between capital and revenue.

January	UNIT-20 Financial statements(with adjustments)	30	meaning of adjustments and their treatment while preparing financial statements of sole proprietorship business	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive accountancy	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Rationale of making adjustments at the time of preparing final accounts. Treatment of items of adjustments appearing outside the trial balance and inside the trial balance
	UNIT-21 Accounts from Incomplete Records	18	meaning, uses, and limitation, ascertainment of profit and loss by statement of affairs method and preparation of final accounts (with reference to missing figures in various accounts)	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by T.S.Grewal, P.C. Tulsian, Comprehensive accountancy	Pen-paper test, Numerical question will solve by students in class room, class response, and assignments.	Students will be able to understand meaning, reasons and limitation of incomplete accounts, Distinction between double entry and single entry system, preparation of accounts from incomplete records, statement of affairs method. Distinction between statement of affairs and balance sheet.

BusinessStudies

Month	Lesson&Topics	No. of Periods	LearningObjectives	Methodology	Experiential Learning	TeachingAids/ Resources	Assessment Tools	LearningOutcomes
June	UNIT-1 1Natureandpurpose of business	18	To familiarize the students about the difference between economic and non-economic activities, Explain the concept and characteristics of business, Identify the distinctive features of business, professionand employment, Analyze various objective of business activities , understand the concept and importanceofprofit	Lecture method, Demonstration andInteractive Method	Projects, Companyy visit,Field trip &Survey	Smart BoardPPT, s and ref book , Text book for Accountancy part-AbyNCERT andRefresherby Poonam Gandhi and Sandeep Garg	Pen-papertest, Oral Test and written revision, class response, and assignments.	Student should be able to understand the Nature and Purpose of businessandeconomic and non-economic activities, Causes of Risk etc.

July	UNIT-2 Forms of Business Organisations	24	Identify different forms of business organisations, Explain distinctive features of different forms of business organisations, Evaluate each form of organisation, Distinguish between different forms of organisations	Lecture method, Demonstration and Interactive Method	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by Poonam Gandhi and Sandeep Garg	Pen-paper test, Oral Test and written revision, class response, and assignments.	Students should be able to understand Different forms of business organizations.
	UNIR-3 Public, Private & Global Enterprises	18	To familiarize the students about the concept and need of public sector enterprises, specify the distinctive features of different forms of public enterprise, Evaluate each form of public enterprise with its advantages and	Lecture method, Demonstration and Interactive Method	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by Poonam Gandhi and Sandeep Garg	Pen-paper test, Oral Test and written revision, class response, and assignments.	Students should be able to understand different types of enterprises , Public Private and global enterprise.
August	UNIT-4 Business Services	18	To familiarize the students about the characteristics of services, differentiate between goods and services, Classify different types of business services	Lecture method, Demonstration and Interactive Method	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by Poonam Gandhi and Sandeep Garg	Pen-paper test, Oral Test and written revision, class response, and assignments.	Students should be able to understand the Business services like , Transport, communication, warehouse, Banking and Insurance

	UNIT-5 Emerging Modes of Business	10	To familiarize the students about the meaning and scope of e- business, Be aware of the process of online business	Lecture method, Demonstration and Interactive	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by	Pen-paper test, Oral Test and written revision, class response, and assignments.	Student should be able to understand the importance of e- business and its importance and other emerging modes of business.
	UNIT-6 Social Responsibility of Business and Business Ethics	12	To familiarize the students about the meaning and concept of social responsibility, Discuss the need for social responsibility	Lecture method and interactive method.	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by Poonam Gandhi and Sandeep Garg		Students should be able to describe the social responsibilities and its importance.
	UNIT-7 Sources of business finance	30	To understand the meaning, nature and importance of business finance, Classify the various sources of business finance, Evaluate advantages and limitations of various sources of finance	Lecture method, Demonstration and Interactive Method	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by Poonam Gandhi and Sandeep Garg	Pen-paper test, Oral Test and written revision, class response, and assignments.	Students will also be able to understand the different sources of finance available.

	UNIT-8 Small Business	16	To familiarize the students about the concept and nature of small business, Differentiate between types of small business enterprises	Lecture method, Demonstration and Interactive Method	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by Poonam Gandhi and Sandeep Garg	Pen-paper test, Oral Test and written revision, class response, and assignments.	Student will be able to understand importance and significance of small business.
	UNIT-9 Internal Trade	30	To aware students about the concept of Internal Trade and its types, Underline the services provided by a wholesaler or a retailer	Lecture method, Demonstration and Interactive Method	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by Poonam Gandhi and Sandeep Garg	Pen-paper test, Oral Test and written revision, class response, and assignments.	Student will be able to understand the type of international trade and difference between internal and external trade , and how international trade takes place.
	UNIT-10 International Business	14	To aware students about Meaning of Meaning, utility, format, posting from journal	Lecture method, Demonstration and Interactive Method	Projects, Company visit, Field trip & Survey	Smart Board PPT, s and ref book , Text book for Accountancy part-A by NCERT and Refresher by Poonam Gandhi and Sandeep Garg	Pen-paper test, Oral Test and written revision, class response, and assignments.	Student will be able to understand the type of international trade and difference between internal and external trade, and how international trade takes place.

	Revision		Revision	Lecturemethod and interactive method.	Projects, Companyy visit,Field trip &Survey	Smart BoardPPT, s and ref book , Text book for Accountancy part-AbyNCERT andRefresherby Poonam Gandhi and Sandeep Garg	Pen-papertest, Oral Test and written revision, class response, and assignments.	Revision
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INFORMATICS PRACTICES

MONTH	NO. OF WORKING DAYS	TOPIC/CONCEPT AND SKILL	No of periods	LEARNING OBJECTIVE	METHODOLOGY	TEACHING AIDS/ RESOURCES	EXPERIENTIAL LEARNING	ASSESSMENT OF TOOLS	LEARNING OUTCOME
Jun	14	Computer System	8	Introduction, Computer System, Computer System and Data Software	Experimental Learning, Demonstrative Brainstorming, Interactive, Communicative	By giving practical program, also suggesting algorithm to program conversion	practically identify all the computer software and study deploy about computer system	Given to identify more new devices and advance AI devices	Students are now aware about python numerical calculations
Jul	26	Getting Started with python	15	Python, Pluses, Python-Some Minuses, Working in Python, First Script	Brainstorming, Experimental Learning, Demonstrative, Interactive, Communicative	Textbook National Council of Educational Research and Training (NCERT) and Reference Books.	we will recognize device of computer in lab	Given to identify more new devices	Students are able to develop application of number using simple python.
Aug	24	Python Fundamentals	10	Python Character Set, Tokens, Basic features of Python Program, Variables and Assignments	Communicative, Experimental Learning, Demonstrative Brainstorming, Interactive, Communicative	Textbook National Council of Educational Research and Training (NCERT) and Reference Books.	for example learning of these items absolute value, sort 3 numbers, divisibility.	anaconda software for running program of python	Students are now able to use, develop & debug programs independently.
Sep	26	Data Handling	12	Basic concept of Data representation: Binary, ASCII, Unicode	Experimental Learning, Demonstrative Brainstorming, Interactive, Communicative	Textbook National Council of Educational Research and Training (NCERT) and Reference Books.	perimeter-wise/area-wise cost calculation, interest calculation	List and dictionary: finding the maximum, minimum, mean; linear search on a list of numbers, and counting the frequency of elements in a list using a dictionary.	Students are able to plot very creative graphs using python.
Oct	14	Flow of control	5	Types of Statements in python, If else, Nested if else, Repetition of Tasks, Range Function, Iteration /looping statements	Experimental Learning, Demonstrative Brainstorming, Interactive, Communicative	Textbook National Council of Educational Research and Training (NCERT) and Reference Books.	Python modules: importing math (sqrt, ceil, floor, pow, fabs), random (random, randint, randrange), statistics (mean, median) modules.	linking of python to SQL database	Students are now able to understand and complete architecture of software development.

		Revision of Term I Lesson 1 To 8							
Nov	19	List Manipulation	8	Creating and Accessing list, list operations, Making true copy of a list, list functions and Methods	Experimental Learning, Demonstrative Brainstorming, Interactive, Communicative	Textbook National Council of Educational Research and Training (NCERT) and Reference Books.	To create a database, To insert the detail of at least 10 student in the above table	Array can be designed in Lab	Students are now able to construct table with their own idea
Dec	25	Dictionaries	12	Dictionary Key Value Pairs, Functions and Methods	Experimental Learning, Demonstrative Brainstorming, Interactive, Communicative	Textbook National Council of Educational Research and Training (NCERT) and Reference Books.	with the help of table we can connect python to program	connector of sql is used	Students are now able to deal with MySQL data base management
Jan	24	Database Concepts Structured Query Language (SQL)	13	File Based System, Relational Database Model, Relational model terminology, history of MySQL	Experimental Learning, Demonstrative Brainstorming, Interactive, Communicative	Now students are able to identify all type of online attack in online system	Identify all type of virus attack online fraud aware about that and work on its safety	all type of online sensitive websites must be identified	Students are able to ensure safety and security in cyber-space.
Feb	17	Emerging Trends	8	Artificial Intelligence, Robotics, Big Data, Internet of Things (IoT) Cloud Computing	Interactive, Communicative Experimental Learning, Demonstrative Brainstorming,	Textbook National Council of Educational Research and Training (NCERT) and Reference Books.	Indian cyber security authority is working on	aware related to virus and transfer of worms	Students can understand societal, legal and ethical aspects of technology
Feb	17	Revision for Term II							

MATHEMATICS(XI-COM.)

Month	Lesson& Topics	No. of Periods	LearningObjectives	Methodology/ Activities	TeachingAids/ Resources	Experiential Learning	Assessment tools	Learning Outcomes
JUNE	1. Sets 2. Relationand Function & TwoActivities(I- Sets II- Relationand Function)	8+5+2=15	(a)Introduction (b)Learningabout basic concept of sets,Relationand Function (c)Toincreasethe level of understandingof Sets,Relationand Functions, and itsapplication	Explanation, Questioner ,Problemsolving, Induction andDeduction Method. And demonstration	Smart Board,Chart ,modelModules, Internet , Lesson Plan. Text Book, Ref. books and Competitive ExamsBooksand Lab manual etc.	Different Practical Examples connectingin ourdailylife.	Pen-paper Test, OralTest, ClassTest, Lab work, Quiz, and Model Presentation etc.	Students will be able to solve all related problems (general &practical)fro mdifferent sources. Theywillbe alsodevelop higherorder thinkingskills.
JULY	3.Trigonometry 4.Mathematical Induction Principle 5.Complex Numbers	10+4+4+2 =20	(a)Introduction (b)Learningabout basic concept of Trigonometry, Mathematical InductionPrinciple ,ComplexNumbers. (c)To increase the level of understanding about Trigonometry, Mathematical InductionPrinciple ,ComplexNumbers, and itsapplication	Explanation, Questioner ,problem solving method,Induction and deduction Method.	Smart Board,Chart ,model Teach NextModulesCD, Internet , Lesson Plan.TextBook,ref. books , Competition books	Examples of different Practical Examplesjsing in daily life.	Pen-paper test, Oral test,Classtest, Lab work, Quiz,Model Presentation	Students will be able to solve the problem based questionsand devlophigher thinkingorder skills.
AUGUST	5. Quadratic Equations 6. Linear Inequalities	2+5+6+5+ 2=20	(a)Introduction (b)Learning about QuadraticEquations ,LinearInequalities	Explanation, Questioner ,problem solving method,Induction	Smart Board,Chart ,model Teach NextModulesCD,	Examplesof different Practical Examplesjsing	Pen-paper test, Oral test,Classtest, Labwork,	Studentswill be able to solvethe problem

	7. Permutations and Combinations 8. Binomial Theorems & One Activity(I-Permutation & Combination)		,Permutationsand Combinations , BinomialTheorems To increase the level of understanding about Quadratic Equations, LinearInequalities, Permutations and Combinations,and BinomialTheorems and its application inourdailylife	anddeduction Method.	Internet , Lesson Plan.TextBook,ref. books , Competition books Pen-paper test, Oral test,Classtest,Lab work,Quiz,Model Presentation	indailylife.	Quiz,Model Presentation	based questionsand devlophigher thinkingorder skills.
SEPTEMBER	RevisionForTerm-I							
OCTOBER	9.Sequenceand series & TwoActivities (I-Pascl's Triangle II- Sequenceandserie s)	11+4=15	(a)Introduction (b)Learningabout Sequence and Series To increase the level of understanding aboutSequence and series and itsapplicationin ourdailylife					
NOVEMBER	10. Straight Lines 11. Conic Sections	7+8=15	(a)BasicConceptof Straightlines,Conic Sections (b)Application of Straight lines and Conic Sequence	Explanation, Questioner ,problem solving method,Induction and deduction Method.	Smart Board,Chart ,model Teach NextModulesCD, Internet , Examples Lesson Plan. Text Book,ref. books , Competition books	Examplesof different Practical Examples existing in dailylife.	Pen-paper test, Oral test,Classtest, Lab work, Quiz,Model Presentation	Students will be able to solve the problem based questionsand devlophigher thinkingorder skills.
DECEMBER	12.Three	5+8+2=15	(a)Introduction	Explanation,	Smart	Examplesof	Pen-paper	Studentswill

	Dimensional Geometry 13. Limits and Derivatives & One Activity (I-Three Dimensional Geometry)		(b) Learning about basic concept of 3D Geometry, Limits and Derivatives and its application in Daily life.	Questioner, problem solving method, Induction and deduction Method.	Board, Chart, model Teach Next Modules CD, Internet, Lesson Plan, Text Book, ref. books, Competition books	different Practical Examples existing in daily life.	test, Oral test, Class test, Lab work, Quiz, Model	be able to solve the problem based questions and develop higher thinking order skills.
JANUARY	14. Mathematical Reasoning 15. Statistics 16. Probability & One Activity [I-Probability]	$4+6+8+2=20$	(a) Introduction (b) Learning about basic concept of Mathematical Reasoning, Statistics, Probability and its application in our daily life.	Explanation, Questioner, problem solving method, Induction and deduction Method.	Smart Board, Chart, model Teach Next Modules CD, Internet, Lesson Plan, Text Book, ref. books, Competition books	Examples of different Practical Examples existing in daily life.	Pen-paper test, Oral test, Class test, Lab work, Quiz, Model Presentation	Students will be able to solve the problem based questions and develop higher thinking order skills.

PHYSICAL EDUCATION

Months	Topics&Sub-Topics	No of Periods	Learning Objectives	Methodology	Teaching Tools /Resources	Experiential Learning	Assessment Tools	Learning Outcome
June	Changing trends and career and physical education	14	Meaning and Definition of physical education	Lecture method, Discussion Method, and Demonstration Activity: Students would be taken to auditorium to watch gladiator movie	Smartboard Internet Flowchart Board marker	Students will become aware about fitness and healthcare They will learn different forms of action that were primitive.	Pen-paper Test, class response Physical activity Running Yoga	Children will become aware about changing trends in current physical education syllabus
July	1- Olympic Movement 2- Physical Fitness, Wellness and life style	27	Ancient and modern Olympics, Components of wellness	Lecture method, Discussion Method, and Demonstration Activity: Make a file showing the difference between ancient and modern Olympic.	Smartboard Internet Flowchart Board marker Pen Paper	Organisational set-up Sports and Chacha Nehru sports awards.	Pen-paper Test, class response Physical activity Running Yoga	Children will become aware about components of Health- Related Fitness
August	1- Yoga 2- Physical Activity 3- Test measurement and Evaluation.	22	Relaxation technique and concentration	Lecture method, Discussion Method, and Demonstration Activity: Students would be doing three types of asana's a) Cultural b) Meditative c) Therapeutic	Smartboard Internet Flowchart Board marker Yoga mat	Introduction to Asanas, Pranayama and yoga skills	Pen-paper Test, class response Physical activity Running Yoga	Concept of physical Activity in terms of yoga and importance of test and Measurement and evaluation in sports
SEP	REVISION							
October	Fundamentals of Anatomy and physiology	20	Definition of Anatomy, Physiology and their importance	Lecture method, Discussion Method and Demonstration Activity: Students would be visiting to Bio lab	Smartboard Internet Flowchart Board marker	Introduce function of Respiratory system, and properties of muscles	Pen-paper Test, class response Physical activity Running Yoga	Functions of skeletal system, Classification of Bones and Types of joints

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