Dwarka International School

(Syllabus)

Class – XI

Session 2024-2025

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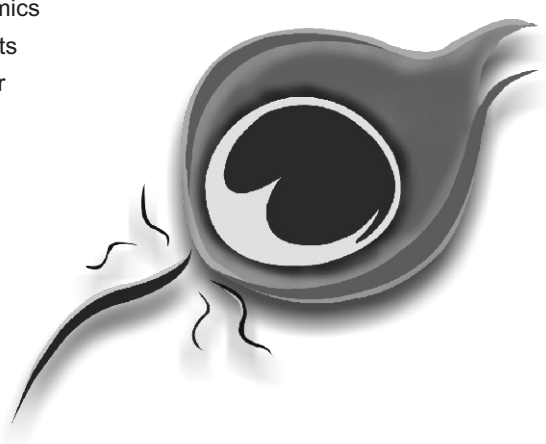

VISION

Dwarka International School endeavours to empower students with decision making, reflection, self-assessment, foresight and 'learning by doing' thus enabling them to attain an enriching educational experience. The school builds not only conscientious pupils and diligent students but also global citizens, empathetic persons and tolerant individuals, one who understands the needs of peers as well as co-citizens and respects diversity and opinion of others. The school envisages a society comprising strong academic personalities, eminent sports persons, good orators, talented actors, melodious singers, poised dancers, skilled educators, true leaders for which it exposes the students to a plethora of activities and gives them the platform to discover themselves and decide their goals. Thus the vision of the school is to instill self confidence and direction into each student and also to infuse in him/her twenty first century skills to make them adept learners throughout their lifetimes.

MISSION

Dwarka International School strives to nurture its pupils with love, care and affection. The school in its attempt to chisel their innate skills provides them a platform to perform and excel. It instills in the students essential skills as critical thinking, leadership, problem solving, effective communication, time management and team coordination with giving due respect to values as compassion, honesty, empathy and forgiveness. The school believes in experiential education "Learning by Doing" wherein the child is engaged actively in the learning process. The role of educators in the school is to facilitate learning, provide experiences and take care to expose themselves to the power of the students' ideas as well. Educators, rather than being purveyors of knowledge, give students the chance to make meaning of the situation in a way that they need. Education in the school is accomplished not only within the classroom but also beyond the precincts of the classroom, hence abiding by the philosophy of "Learning beyond Classroom" which is the school motto. Nature walk, heritage walk, visits to significant places, enables the students to explore the world outside the classroom and help them to ponder and contemplate. Debate, declamation, role-play allow them to voice their opinion and encourage them to argue with valid points and firm conviction. Knowledge, therefore, through a series of experiences brings meaning to the skill and understanding and impart s a new dimension to learning.

The school has been instrumental in helping students to cope with performance pressure particularly during the pandemic. Regular counseling has helped the students to manage stress and anxiety and to adapt to the new format of learning i.e. virtual classes and at the same time enabled them to adjust to the real environment of the school as the school re-opened for physical classes. The school caters to the physical, emotional and mental needs of the child and renders them endurance, strength and integrity of character, mental agility and physical fitness to sail through the journey of life and brave all odds and complexities.

LIST OF HOLIDAYS

Session (2025-25) Start : April 01, 2025

APRIL-2024		
April 11, 2024	Thursday	Id-Ul-Fitr
April 17, 2024	Wednesday	Ram Navami
April 21, 2024	Sunday	Mahavir Jayanti
MAY-JUNE (2024)		
May 23, 2024	Thursday	Budha Purnima
May 11, 2024 To June 30, 2024 (LKG - Class II)	Saturday - Sunday	Summer Break
May 18 2024 To June 30, 2024 (Classes III- VIII)	Saturday - Sunday	Summer Break
June 01, 2024 To June 30, 2024 (Class IX-XII)	Saturday - Sunday	Summer Break
June 17, 2024	Monday	Id-Ul-Zuha
JULY-2024		
July 17, 2024	Wednesday	Muharram
AUGUST-2024		
August 15, 2024	Thursday	Independence Day
August 19, 2024	Monday	Rakshabandhan
August 26, 2024	Monday	Janamashtami
SEPTEMBER-2024		
September 16, 2024	Monday	Milad-un-Nabi
OCTOBER-2024		
October 2, 2024	Wednesday	Gandhi Jayanti
October 10,2024-October 12, 2024	Thursday- Saturday	Dussehra Break
October 17, 2024	Thursday	Maharishi Valmiki's Jayanti
October 20, 2024	Sunday	Karwa Chouth
October 30,2024 to November 03, 2024	Wednesday-Sunday	Diwali
NOVEMBER-2024		
November 15, 2024	Friday	Guru Nanak's Birthday
DECEMBER -2024		
December 25, 2024	Wednesday	Christmas
JANUARY -2025		
January 1, 2025 to January 10, 2025 (Classes VI-XII)	Wednesday-Friday	Winter Break
January 1, 2025 to January 14, 2025 (Classes NUR-V)	Wednesday – Tuesday	Winter Break
January 26, 2025	Sunday	Republic Day
February-2025		
February 26, 2025	Wednesday	Mahashivratri
MARCH -2025		
March 14, 2025	Friday	Holi

DWARKA INTERNATIONAL SCHOOL
DATESHEET - CLASSES XI, SESSION 2024-25

TERM-1						
UNIT TEST -1			UNIT TEST -2			
DATE	DAY	SUBJECT	DATE	DAY	SUBJECT	DATE
06/05/2024	MONDAY	CHEMISTRY/ACCOUNTANCY/POLITICAL SCIENCE	22/07/2024	MONDAY	ENGLISH	11/09/2024-30/09/2024 HALF YEARLY EXAMINATION
07/05/2024	TUESDAY	MATHEMATICS/ INFORMATICS PRACTICES	23/07/2024	TUESDAY	PHYSICAL EDUCATION/PANTING/COMPUTER SCIENCE/ PSYCHOLOGY	
08/05/2024	WEDNESDAY	PHYSICAL EDUCATION/ PAINTING/ COMPUTER SCIENCE/ PSYCHOLOGY	24/07/2024	WEDNESDAY	PHYSICS/HISTORY/GEOGRAPHY/B.STUDIES	
09/05/2024	THURSDAY	ENGLISH	25/07/2024	THURSDAY	ECONOMICS/BIOLOGY	
10/05/2024	FRIDAY	ECONOMICS/ BIOLOGY	26/07/2024	FRIDAY	CHEMISTRY/ACCOUNTANCY/POLITICAL SCIENCE	
13/05/2024	MONDAY	PHYSICS/ HISTORY/ GEOGRAPHY/ B.STUDIES	29/07/2024	MONDAY	MATHEMATICS/INFORMATICS PRACTICES	

TERM - 2						
UNIT TEST -3			UNIT TEST -4			
DATE	DAY	SUBJECT	DATE	DAY	SUBJECT	DATE
16/12/2024	MONDAY	CHEMISTRY/ACCOUNTANCY/POLTICAL SCIENCE	20/01/2025	MONDAY	ENGLISH	17/02/2025-05/03/2025 FINAL EXAMINATION
17/12/2024	TUESDAY	MATHEMATICS/ INFORMATICS PRACTICES	21/01/2025	TUESDAY	PHYSICAL EDUCATION/PANTING/COMPUTER SCIENCE/PSYCHOLOGY	
18/12/2024	WEDNESDAY	PHYSICAL EDUCATION/ PANTING/ COMPUTER SCIENCE/ PSYCHOLOGY	22/01/2025	WEDNESDAY	PHYSICS/HISTORY/GEOGRAPHY/B.STUDIES	
19/12/2024	THURSDAY	ENGLISH	23/01/2025	THURSDAY	ECONOMICS/BIOLOGY	
20/12/2024	FRIDAY	ECONOMICS/ BIOLOGY	24/01/2025	FRIDAY	CHEMISTRY/ACCOUNTANCY/POLITICAL SCIENCE	
23/12/2024	MONDAY	PHYSICS/ HISTORY/ GEOGRAPHY/ B.STUDIES	27/01/2025	MONDAY	MATHEMATICS/INFORMATICS PRACTICES	

NOTE: Dates can be change due to some unavoidable circumstances

Subject – ENGLISH

PRESCRIBED BOOKS:
HORNBILL - MAIN COURSE BOOK
SNAPSHOTS - SUPPLEMENTARY READER

APRIL
HORNBILL
Chapter - The Portrait of a Lady by Khushwant Singh
Poetry - A Photograph by Shirley Toulson
WRITING SKILLS - Classified Advertisements
ACTIVITY - Speaking Activity-Speech Delivery

MAY
SNAPSHOTS
Chapter - The Summer of the Beautiful White Horse by William Saroyan
Poetry - The Tale of Melon City by Vikram Seth
WRITING SKILLS - Speech Writing
Grammar- Integrated Grammar Exercises

JULY
HORNBILL
Chapter - We're not Afraid to Die.....by Alan East
Poetry - The Laburnum Top (Poem) by Ted Hughes
SNAPSHOTS
Chapter - The Address by Margo Minco
READING SKILLS - Note-making
WRITING SKILLS - Poster Writing
ACTIVITY - Listening Test

AUGUST
HORNBILL
Chapter - Discovering Tut: the Saga Continues by A.R. Williams
Poetry - Childhood (Poem) by Markus Natten
WRITING SKILLS - Debate Writing
ACTIVITY - Listening Test

SEPTEMBER
HALF-YEARLY ASSESSMENT

OCTOBER

HORNBILL

Chapter - The Adventure by Jayant Narlikar

Poetry - The Voice of the Rain by Walt Whitman

SNAPSHOTS

Play - Mother's Day by J.B. Priestley

ACTIVITY - SPEAKING SKILLS

WRITING SKILLS - Classified Advertisement, Poster Writing

NOVEMBER

SNAPSHOTS

Play - Mother's Day by J.B. Priestley contd...

Chapter - Birth by A.J. Cronin

HORNBILL

Chapter - Father to Son by Elizabeth Jennings

WRITING SKILLS - Speech Writing, Debate Writing

ACTIVITY - SPEAKING AND LISTENING SKILLS

DECEMBER

HORNBILL

Chapter - Silk Road by Nick Middleton

Reading Skills - Note Making and Summarising

ACTIVITY - SPEAKING AND LISTENING

JANUARY

FINAL ASL

FEBRUARY-MARCH

ANNUAL EXAMINATION

UT-1

READING SKILLS - Factual Passage

LITERATURE

HORNBILL

Chapter - The Portrait of a Lady by Khushwant Singh

Poetry - A Photograph by Shirley Toulson

WRITING SKILLS - Classified Advertisements

GRAMMAR - Integrated Grammar

UT-2

READING SKILLS - Case Based Passage

LITERATURE

SNAPSHOTS

Chapter - The Summer of the Beautiful White Horse by William Saroyan

Poetry - The Tale of Melon City by Vikram Seth

HORNBILL

Chapter - We're not Afraid to Die.....by Alan East

Poetry - The Laburnum Top (Poem) by Ted Hughes

WRITING SKILLS - Speech Writing

GRAMMAR - Integrated Grammar

HALF YEARLY ASSESSMENT

READING SKILLS - Factual/descriptive Passage
- Case Based Passage
- Note-making

LITERATURE

HORNBILL

Chapter - The Portrait of a Lady by Khushwant Singh

Poetry - A Photograph by Shirley Toulson

Chapter - We're not Afraid to Die.....by Alan East

Poetry - The Laburnum Top by Ted Hughes

Chapter - Discovering Tut: the Saga Continues by A.R. Williams

Poetry - Childhood by Markus Natten

SNAPSHOTS

Chapter - The Summer of the Beautiful White Horse by William Saroyan

Poetry - The Tale of Melon City by Vikram Seth

Chapter - The Address by Margo Minco

WRITING SKILLS - Classified Advertisements
- Poster Writing
- Speech Writing
- Debate Writing

GRAMMAR - Integrated Grammar

UT-3

READING SKILLS - Note Making

LITERATURE

Chapter - The Adventure by Jayant Narlikar

PLAY - Mother's Day by J.B. Priestley

Poetry - The Voice of the Rain by Walt Whitman

WRITING SKILLS - Classified Advertisements

- Poster Writing
- Speech Writing
- Debate Writing

GRAMMAR - Integrated Grammar

UT-4

READING SKILLS - Case Based Passage

LITERATURE

Chapter - Birth by A.J. Cronin

Chapter - Silk Road by Nick Middleton

Poetry - Father to Son by Elizabeth Jennings

WRITING SKILLS - Classified Advertisements

- Poster Writing
- Speech Writing
- Debate Writing

GRAMMAR - Integrated Grammar

Subject – MATHEMATICS

BOOK- MATHEMATICS (TEXT BOOK FOR CLASS XI) – NCERT

APRIL

Week 1&2	Chapter-4	- **COMPLEX NUMBER AND QUADRATIC EQUATIONS**
	Topics	- Complex number, Algebra of complex number, power of i. The modulus and conjugate of complex number.
Week 3	Chapter-5	- **LINEAR INEQUALITIES**
	Topics	- Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line. Graphical solution of linear inequalities in two variables. Graphical method of finding a solution of system of linear inequalities in two variables.
Week 4	Chapter-1	- **SETS**
	Topics	- Sets and representation of sets, Subsets, Operations on sets Complement of sets, Practical Problems on Union and Intersection of two sets.

MAY

Week 1&2	Chapter-1	- **SETS (Contd)**
Week 3	Chapter-2	- **RELATIONS AND FUNCTIONS**
	Topics	- Cartesian product of sets, Relations and Functions, Domain and range
Week 4	Chapter-2	- **RELATIONS AND FUNCTIONS (Contd)**
	Topics	- Graph, domain and Range of some important functions Like Identity function, Reciprocal function, Constant function, Modulus function, Signum function and Greatest integer function.

JULY

Week 1	Chapter-3	- **TRIGONOMETRIC FUNCTIONS**
	Topics	- Degree measure, Radian measure, Sign of trigonometric functions, Addition

		and subtraction formulas, Transformation formulas.
Week 2	Chapter-3	- **TRIGONOMETRIC FUNCTIONS (Contd)**
	Topics	- Multiple angled formulas , Derivation of sin 18°.
Week 3	Chapter-3	- **TRIGONOMETRIC FUNCTIONS (Contd)**
	Topics	- Trigonometric Equations
Week 4	Chapter-3	- **TRIGONOMETRIC FUNCTIONS (Contd)**
	Topics	- Trigonometric Equations

AUGUST

Week 1&2	Chapter-6	- **PERMUTATIONS AND COMBINATIONS**
	Topics	- Fundamental principle of counting. Factorial n. (n!), Properties of permutations Combinations.
Week 3	Chapter-7	- **BINOMIAL THEOREM**
	Topics	- Proof of binomial theorem, General and middle term
Week 4	Chapter-8	- **SEQUENCE AND SERIES**
	Topics	- Arithmetic Progression(A.P), Arithmetic Mean (A.M.), special sequence.

SEPTEMBER

Revision of Half Yearly Examination
Half Yearly Examination

OCTOBER

Week 1&2	Chapter-9	- **STRAIGHT LINES**
	Topics	- Slope of a line, Various forms of the equation of a line, General equation of a line, Distance of a point from a line.
Week 3&4	Chapter-13	- **STATISTICS**
	Topics	- Measures of Dispersion, Range, Mean deviation, variance and standard deviation of ungrouped/grouped data. Analysis of frequency distributions with equal means but different variances.

NOVEMBER

Week 1&2	Chapter-12	- **CONIC SECTIONS**
	Topics	- Circle, Parabola, Ellipse and Hyperbola
Week 3&4	Chapter-12	- **LIMITS AND DERIVATIVES**
	Topics	- Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions

DECEMBER

Week 1	Chapter-14	- **PROBABILITY**
	Topics	- Random experiments; outcomes, sample spaces (set representation). 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.
Week 2&3	Chapter-11	- **THREE DIMENSIONAL GEOMETRY**
	Topics	- Coordinate of appoint in Space, Distance between two points, Section Formula

JANUARY
Revision of Final Examination

FEBRUARY
Annual Examination

NOTE : INTERNAL ASSESSMENT : 10 LAB ACTIVITIES AS PER CBSE
SYLLABUS OF UNIT TEST - 1 : Chapter 1, 4,
SYLLABUS OF UNIT TEST - 2 : Chapter 2, 3, 5
SYLLABUS OF HALF YEARLY EXAMINATION : Chapter 1,2,3,4,5,6,7,8
SYLLABUS OF UNIT TEST - 3: Chapter :9,10,13
SYLLABUS OF UNIT TEST - 4: Chapter :11,12,14
SYLLABUS OF FINAL EXAMINATION : Chapter 1,2,3,5,6,7,8,9,10,11,12,13,14

Subject – BUSINESS STUDIES

PRESCIRBED BOOK : NCERT

APRIL

Part-A - Foundation of Business

Unit-1 - Evolution and Fundamentals of Business

- History of Trade and Commerce in India: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities: Merchant Corporations, Major Trade Centres, Major Imports and Exports, Position of Indian Sub-Continent in the World Economy.
  - To acquaint the History of Trade and Commerce in India
- Business - meaning and characteristics
  - Understand the meaning of business with special reference to economic and non-economic activities.
  - Discuss the characteristics of business.
- Business, profession and employment- Concept
  - Understand the concept of business, profession and employment.
  - Differentiate between business, profession and employment.
- Objectives of business
  - Appreciate the economic and social objectives of business.
  - Examine the role of profit in business.
- Classification of business activities - Industry and Commerce
  - Understand the broad categories of business activities industry and commerce.
- Industry-types: primary, secondary, tertiary Meaning and subgroups
  - Describe the various types of industries.
- Commerce-trade: (types-internal, external; wholesale and retail) and auxiliaries to trade; (banking, insurance, transportation, warehousing, communication, and advertising) - meaning
  - Discuss the meaning of commerce, trade and auxiliaries to trade.
  - Discuss the meaning of different types of trade and auxiliaries to trade.

- Examine the role of commerce- trade and auxiliaries to trade.

- Business risk-Concept
  - Understand the concept of risk as a special characteristic of business.
  - Examine the nature and causes of business risks.

MAY

Unit-2

- **Forms of Business organizations**
- Sole Proprietorship-Concept, merits and limitations.
  - List the different forms of business organizations and understand their meaning.
  - Identify and explain the concept, merits and limitations of Sole Proprietorship.
- Partnership-Concept, types, merits and limitation of partnership, registration of a partnership firm, partnership deed. Types of partners
  - Identify and explain the concept, merits and limitations of a Partnership firm.
  - Understand the types of partnership on the basis of duration and on the basis of liability.
  - State the need for registration of a partnership firm.
  - Discuss types of partners - active, sleeping, secret, nominal and partner by estoppel.
- Hindu Undivided Family Business: Concept
  - Understand the concept of Hindu Undivided Family Business.
- Cooperative Societies-Concept, merits, and limitations.
  - Identify and explain the concept, merits and limitations of Cooperative Societies.
  - Understand the concept of consumers, producers, marketing, farmers, credit and housing co- operatives.
- Company - Concept, merits and limitations; Types: Private, Public and One Person Company - Concept
  - Identify and explain the concept, merits and limitations of private and public companies.
  - Understand the meaning of one person company.
  - Distinguish between a private company and a public company.

- Formation of company - stages, important documents to be used in formation of a company
  - Highlight the stages in the formation of a company.
  - Discuss the important documents used in the various stages in the formation of a company.
- Choice of form of business organization
  - Distinguish between the various forms of business organizations.
  - Explain the factors that influence the choice of a suitable form of business organization.

Unit-3 - **Public, Private and Global Enterprises**

- Public sector and private sector enterprises - Concept
  - Develop an understanding of Public sector and private sector enterprises
- Forms of public sector enterprises: Departmental Undertakings, Statutory Corporations and Government Company.
  - Identify and explain the features, merits and limitations of different forms of public sector enterprises
- Global Enterprises – Feature. Public private partnership – concept
  - Develop an understanding of global enterprises, public private partnership by studying their meaning and features.

JULY

Unit-4 - **Business Services**

- Business services – meaning and types. Banking: Types of bank accounts - savings, current, recurring, fixed deposit and multiple option deposit account
  - Understand the meaning and types of business services.
  - Discuss the meaning and types of Business service Banking
  - Develop an understanding of difference types of bank account.
- Banking services with particular reference to Bank Draft, Bank Overdraft, Cash credit. E-Banking meaning, Types of digital payments
  - Develop an understanding of the different services provided by banks

- Insurance - Principles. Types - life, health, fire and marine insurance - concept
  - Recall the concept of insurance
  - Understand Utmost Good Faith, Insurable Interest, Indemnity, Contribution, Doctrine of Subrogation and Causa Proxima as principles of insurance
  - Discuss the meaning of different types of insurance-life, health, fire, marine insurance.
- Postal Service - Mail, Registered Post, Parcel, Speed Post, Courier – meaning
  - Understand the utility of different telecom services

Unit-5 - **Emerging Modes of Business**

- E - business: concept, scope and benefits
  - Give the meaning of e-business.
  - Discuss the scope of e-business.
  - Appreciate the benefits of e- business
  - Distinguish e-business from traditional business.

AUGUST

Unit-6 - **Social Responsibility of Business and Business Ethics**

- Concept of social responsibility
  - State the concept of social responsibility.
- Case of social responsibility
  - Examine the case for social responsibility.
- Responsibility towards owners, investors, consumers, employees, government and community.
  - Identify the social responsibility towards different interest groups.
- Role of business in environment protection
  - Appreciate the role of business in environment protection.
- Business Ethics - Concept and Elements
  - State the concept of business ethics.
  - Describe the elements of business ethics.

SEPTEMBER

Part-B - **Finance and Trade**

Unit-7 - **Sources of Business Finance**

- Concept of business finance
  - State the meaning, nature and importance of business finance.

- Owners' funds- equity shares, preferences share, retained earnings
  - Classify the various sources of funds into owners' funds.
  - State the meaning of owners' funds.
- Borrowed funds: debentures and bonds, loan from financial institution and commercial banks, public deposits, trade credit, Inter Corporate Deposits (ICD).
  - State the meaning of borrowed funds.
  - Discuss the concept of debentures, bonds, loans from financial institutions and commercial banks, Trade credit and inter corporate deposits.
  - Distinguish between owners' funds and borrowed funds.

OCTOBER

Unit-8 - **Small Business and Enterprises**

- Entrepreneurship Development (ED): Concept, Characteristics and Need. Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start up. Intellectual Property Rights and Entrepreneurship
  - Understand the concept of Entrepreneurship Development (ED), Intellectual Property Rights
- Small scale enterprise as defined by MSMED Act 2006 (Micro, Small and Medium Enterprise Development Act)
  - Understand the meaning of small business
- Role of small business in India with special reference to rural areas
  - Discuss the role of small business in India
- Government schemes and agencies for small scale industries: National Small Industries Corporation (NSIC) and District Industrial Centre (DIC) with special reference to rural, backward areas
  - Appreciate the various Government schemes and agencies for development of small scale industries. NSIC and DIC with special reference to rural, backward area.

NOVEMBER

Unit-9 - **Internal Trade**

- Internal trade - meaning and types services rendered by a wholesaler and a retailer

- State the meaning and types of internal trade.
- Appreciate the services of wholesalers and retailers.

- Types of retail-trade-Itinerant and small scale fixed shops retailers
  - Explain the different types of retail trade.
- Large scale retailers-Departmental stores, chain stores – concept
  - Highlight the distinctive features of departmental stores, chain stores and mail order business.
- GST (Goods and Services Tax): Concept and key-features
  - Understand the concept of GST

DECEMBER

Unit-10 - International Trade

- International trade: concept and benefits
  - Understand the concept of international trade.
  - Describe the scope of international trade to the nation and business firms.
- Export trade - Meaning and procedure
  - State the meaning and objectives of export trade.
  - Explain the important steps involved in executing export trade.
- Import Trade - Meaning and procedure
  - State the meaning and objectives of import trade.
  - Discuss the important steps involved in executing import trade.
- Documents involved in International Trade; indent, letter of credit, shipping order, shipping bills, mate's receipt (DA/DP)
  - Develop an understanding of the various documents used in international trade.
  - Identify the specimen of the various documents used in international trade.
  - Highlight the importance of the documents needed in connection with international trade transactions
- World Trade Organization (WTO) meaning and objectives
  - State the meaning of World Trade Organization.
  - Discuss the objectives of World Trade Organization in promoting international trade.

JANUARY
Revision
Project Work
(as per CBSE Guidelines)

SYLLABUS:

UNIT TEST 1
- Unit 1 - Evolution and Fundamentals of Business
- Unit 2 - Forms of Business organizations

UNIT TEST 2
- Unit 3 - Public, Private and Global Enterprises
- Unit 4 - Business Services

HALF YEARLY EXAMINATION
- Unit 1 - Evolution and Fundamentals of Business
- Unit 2 - Forms of Business organizations
- Unit 3 - Public, Private and Global Enterprises
- Unit 4 - Business Services
- Unit 5 - Emerging Modes of Business
- Unit 6 - Social Responsibility of Business and Business Ethics

UNIT TEST 3
- Unit 6 - Social Responsibility of Business and Business Ethics
- Unit 7 - Sources of Business Finance

UNIT TEST 4
- Unit 8: Small Business and Enterprises
- Unit 9: Internal Trade
- Unit 10: International Trade

FINAL YEARLY EXAMINATION
- Unit 1 - Evolution and Fundamentals of Business
- Unit 2 - Forms of Business organizations
- Unit 3 - Public, Private and Global Enterprises
- Unit 4 - Business Services
- Unit 5 - Emerging Modes of Business
- Unit 6 - Social Responsibility of Business and Business Ethics
- Unit 7 - Sources of Business Finance
- Unit 8 - Small Business and Enterprises
- Unit 9 - Internal Trade
- Unit 10 - International Trade

Subject – COMPUTER SCIENCE

APRIL

Unit II: Computational Thinking and Programming – 1

Week 1 - Familiarization with the basics of Python programming: Introduction to Python, features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set

Week 2 - Python tokens (keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments Knowledge of data types: number (integer, floating point, complex),

Week 3 - boolean, sequence (string, list, tuple), none, mapping (dictionary), mutable and immutable data types,

Week 4 - Operators: arithmetic operators, relational operators, logical operators, assignment operator, augmented assignment operators identity operators (is, is not), membership operators (in, not in)

MAY

Week 1 - Input a welcome message and display it.
• Input two numbers and display the larger / smaller number.
• Input three numbers and display the largest / smallest number
Determine whether a number is a perfect number, an armstrong number or a palindrome

Week 2 - Operators: arithmetic operators, relational operators, logical operators, assignment operator, augmented assignment operators, identity operators (is, is not), membership operators (in, not in)

Week 3 - Expressions, statement, type conversion & input/output: precedence of operators, expression, evaluation of expression, python statement, type conversion (explicit & implicit conversion), accepting data as input from the console and displaying output

Week 4

- Generate the patterns using nested loop.
- Generate the series.
- Display the terms of a Fibonacci series.

JULY

Week 1

- Errors: syntax errors, logical errors, runtime errors

Week 2

- Flow of control: introduction, use of indentation, sequential flow, conditional and iterative flow control

Week 3

- Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs: e.g.: absolute value, sort 3 numbers and divisibility of a number

Week 4

- Iterative statements: for loop, range function, while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series, finding the factorial of a positive number etc

AUGUST

Week 1

- Strings: introduction, indexing, string operations (concatenation, repetition, membership & slicing), traversing a string using loops,

Week 2

- built-in functions: len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split()

Week 3

- built-in functions: isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split()

Week 4

- Count and display the number of vowels, consonants, uppercase, lowercase characters in string.
  Input a string and determine whether it is a palindrome or not; convert the case of characters in a string.

SEPTEMBER

Week 1

- Determine whether a number is a perfect number, an armstrong number or a palindrome.

• Input a number and check if the number is a prime or composite number.
• Display the terms of a Fibonacci series.

Week 2 - Revision of HALF YEARLY EXAMINATION

Week 3 - HALF YEARLY EXAMINATION

Week 4 - HALF YEARLY EXAMINATION

OCTOBER

Week 1 - Lists: introduction, indexing, list operations (concatenation, repetition, membership & slicing), traversing a list using loops, built-in functions: len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists,

Week 2 - suggested programs: finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list

Week 3 - Tuples: introduction, indexing, tuple operations (concatenation, repetition, membership & slicing), built-in functions: len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple, suggested programs: finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple

Week 4 - Dictionary: introduction, accessing item sin a dictionary using keys, mutability of dictionary (adding a new item, modifying an existing item), traversing a dictionary, built-in functions: len(), dict(), keys(), values(), items(), get(), update(), del, clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), count(), sorted(), copy(); suggested programs : count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access them

NOVEMBER

Unit I: Computer Systems and Organisation

Week 1 - Basic Computer Organisation: Introduction to computer system, hardware, software, input device,

output device, CPU, memory (primary, cache and secondary), units of memory (Bit, Byte, KB, MB, GB, TB, PB)

Week 2
- Types of software: system software (operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler & interpreter), application software

Week 3
- Operating system (OS): functions of operating system, OS user interface

Week 4
- Boolean logic: NOT, AND, OR, NAND, NOR, XOR, truth table, De Morgan's laws and logic circuits

DECEMBER

Week 1
- Number system: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems.
- Encoding schemes: ASCII, ISCII and UNICODE (UTF8, UTF32)

Unit III: Society, Law and Ethics

Week 2
- Digital Footprints
- Digital society and Netizen: net etiquettes, communication etiquettes, social media etiquettes
- Data protection: Intellectual Property Right (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source softwares and licensing (Creative Commons, GPL and Apache)

Week 3
- Cyber- crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, preventing cyber crime
- Cyber safety: safely browsing the web, identity protection, confidentiality, cyber trolls and bullying.
- Safely accessing web sites: malware, viruses, trojans, adware

Week 4
- E-waste management: proper disposal of used electronic gadgets
- Indian Information Technology Act (IT Act)
- Technology & Society: Gender and disability issues while teaching and using computers

JANUARY

Week 1	-	Winter Break
Week 2	-	Practical File Based on Class XI
Week 3	-	Revision of whole syllabus
Week 4	-	Revision of whole syllabus

FEBRUARY

Week 1	-	Revision of whole syllabus
Week 2	-	Final Examinations
Week 3	-	Final Examinations
Week 4	-	Final Examinations

Annual Examination

SYLLABUS OF UNIT TEST – 1 : Chapter 5, 6
SYLLABUS OF UNIT TEST – 2 : Chapter 1, 7, 8
SYLLABUS OF HALF YEARLY EXAMINATION : Chapter 1,3,4,5,6,7,8
SYLLABUS OF UNIT TEST – 3 : Chapter :9,10
SYLLABUS OF UNIT TEST – 4 : Chapter : 11,12,13
SYLLABUS OF FINAL EXAMINATION : Chapter 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

Subject – INFORMATICS PRACTICES

APRIL

Unit 1: Introduction to Computer System

Week 1 - Introduction to computers and computing: evolution of computing devices, components of a computer system and their interconnections, Input/Output devices

Week 2 - Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns

Week 3 - Software: purpose and types

Week 4 - system and application software, generic and specific purpose software.

MAY

Unit 2: Introduction to Python

Week 1 - Basics of Python programming, Python interpreter - interactive and script mode, the structure of a program, indentation

Week 2 - identifiers, keywords, constants, variables, types of operators, precedence of operators, data types, mutable and immutable data types

Week 3 - Statements, expressions, evaluation of expressions comments, input and output statements

Week 4 - Data type conversion, debugging,

JULY

Week 1 - Control statements: if-else

Week 2 - Control statements: for loop.

Week 3 - Programming in Python (Practical Assignment)

1. To find average and grade for given marks.
2. To find the sale price of an item with a given cost and discount (%).
3. To calculate perimeter/circumference and area of shapes such as triangle, rectangle, square and circle.
4. To calculate Simple and Compound interest.
5. To calculate profit-loss for a given Cost and Sell Price.
6. To calculate EMI for Amount, Period and Interest.
7. To calculate tax - GST / Income Tax.

8. To find the largest and smallest numbers in a list.
9. To find the third largest/smallest number in a list.
10. To find the sum of squares of the first 100 natural numbers.

Week 4 - List operations - creating, initializing, traversing and manipulating lists

AUGUST

Week 1 - List operations - creating, initializing, traversing and manipulating lists

Week 2 - list methods and built-infunctions.: len(), list(), append(), extend(), insert(), count(), find(), remove(), pop(), reverse(), sort(),sorted(), min(), max(), sum()

Week 3 - Programming in Python (Practical Assignment)
11. To print the first 'n' multiples of a given number.
12. To count the number of vowels in a user entered string.
13. To print the words starting with a particular alphabet in a user entered string.
14. To print the number of occurrences of a given alphabet in a given string.
15. Create a dictionary to store names of states and their capitals.
16. Create a dictionary of students to store names and marks obtained in 5 subjects.
17. To print the highest and lowest values in the dictionary.

Week 4 - list methods and built-in functions.: remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum()

SEPTEMBER

Week 2 - Dictionary: concept of key-value pair, creating, initializing, traversing

Week 3 - built-in functions: len(), dict(), keys(), values(), items(), get(), update(), clear(), del()

Week 4 - HALF YEARLY EXAMINATION

OCTOBER

Unit 3: Database concepts and the Structured Query Language

Week 1 - Database Concepts: Introduction to database concepts and its need, Database Management System.

Week 2 - Relational data model: concept of attribute, domain, tuple, relation, candidate key, primary key, alternate key, foreign key

Week 3 - Structured Query Language: Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL: Creating a database, using database, showing tables using MySQL,

Week 4 - Data Types : char, varchar, int, float, date. ● Data Definition Commands: CREATE, DROP, ALTER (Add and Remove primary key, attribute). Data Query Commands: SELECT-FROM- WHERE, LIKE, BETWEEN

NOVEMBER

Week 1 - Data Query Commands: IN, ORDER BY, using arithmetic, logical, relational operators and NULL values in queries, Distinct clause Data Manipulation Commands: INSERT, UPDATE, DELETE.

Week 2 - Data Management: SQL Commands

1. To create a database
2. To create a student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key.
3. To insert the details of at least 10 students in the above table.
4. To delete the details of a particular student in the above table.
5. To increase marks by 5% for those students who have Rno more than 20.
6. To display the entire content of the table.
7. To display Rno, Name and Marks of those students who are scoring marks more than 50.
8. To find the average of marks from the student table.
9. To find the number of students, who are from section 'A'.
10. To add a new column email in the above table with appropriate data type

Unit 4: Introduction to the Emerging Trends

Week 3 - Artificial Intelligence, Machine Learning, Natural

Language Processing,

Week 4 - Immersive experience (AR, VR), Robotics ● Big data and its characteristics, Internet of Things (IoT), Sensors, Smart citie

JANUARY

Week 1 - Winter Break

Week 2 - Cloud Computing and Cloud Services (SaaS, IaaS, PaaS) Grid Computing, Block chain technology.

Week 3 - 11. To add the email ids of each student in the previously created email column.
12. To display the information of all the students, whose name starts with 'AN' (Examples: ANAND, ANGAD,..)
13. To display Rno, Name, DOB of those students who are born between '2005- 01-01' and'2005-12-31'.
14. To display Rno, Name, DOB, Marks, Email of those male students in ascending order of their names.
15. To display Rno, Gender, Name, DOB, Marks, Email in descending order of their marks.
16. To display the unique section available in the table
- Revision of whole syllabus

Week 4 - Revision of whole syllabus

FEBRUARY

Week 1 - Revision of whole syllabus

Week 2 - Final Examinations

Week 3 - Final Examinations

Week 4 - Final Examinations

Annual Examination

SYLLABUS OF UNIT TEST – 1 : Chapter 1, 2, 3
SYLLABUS OF UNIT TEST – 2 : Chapter 3, 4, 5
SYLLABUS OF HALF YEARLY EXAMINATION : Chapter 1,2,3,4,5,6,7
SYLLABUS OF UNIT TEST – 3 : Chapter : 8, 9
SYLLABUS OF UNIT TEST – 4 : Chapter : 9, 10
SYLLABUS OF FINAL EXAMINATION : Chapter 1,2,3,4,5,6,7,8,9,10

Subject – BIOLOGY

Prescribed Book - NCERT Biology
Reference Book - Exam Idea
Lab Manual - Biology Practical Comprehensive

APRIL

Chapter 1 - The Living World
Chapter 2 - Biological classification
Chapter 3 - Plant Kingdom
Lab Activity - 1. To study parts of compound microscope
- 2. To identify and study the morphology of representative types of bacteria, fungi and different plant groups

MAY

Chapter 4 - Animal Kingdom
Chapter 5 - Morphology of Flowering plants
Lab Activity - 3. To study some selected animals on the basis of their external features
- 4. To identify and study different types of inflorescence
- 5. Study and describe flowering plants of families Solanaceae

Summer Vacation Project - Preparation of Herbarium sheets of flowering plants

JULY

Chapter 6 - Anatomy of flowering plants
Chapter 7 - Structural organization in animals
Chapter 8 - Cell: The Unit of life
Lab Activity - 6. Preparation and study of T. S. of dicot and monocot roots and stems (Primary).
7. Study of distribution of stomata on the upper and lower surface of leaf
8. Study of Plasmolysis in epidermal peel of leaf.
9. To demonstrate osmosis by potato osmometer

AUGUST

Chapter 9 - Bio-molecules
Chapter 10 - Cell cycle and cell division
Chapter 11 - Photosynthesis in Higher plants

Lab Activity - 10. Study of Mitosis
11. To study the presence of carbohydrates, protein, urea, lipids, bile salts, sugar in given samples

SEPTEMBER

Half Yearly

Revision and half yearly examination of chapter 1 - 9

OCTOBER

Chapter 12 - Respiration in plants
Chapter 13 - Plant growth and development
Chapter 14 - Breathing and exchange of gases
Lab Activity - 12. Study of plant pigments by paper chromatography

Investigatory Project: Prepare an Investigatory Project of your choice.

NOVEMBER

Chapter 15 - Body fluids and circulation
Chapter 16 - Excretory products and their elimination
Lab Activity - 13. Test for presence of urea in urine
14. Test for presence of sugar in urine

DECEMBER

Chapter 17 - Locomotion and movement
Chapter 18 - Neural control and co-ordination
Lab Activity - 15. To study the human skeleton and different types of joints in humans.

JANUARY

Chapter 19 - Chemical co-ordination and integration

EXAMINATION:

UNIT TEST I	CH - 1, 2 & 3
UNIT TEST II	CH - 4, 5 & 6
HALF YEARLY	CH - 1 - 9
UNIT TEST III	CH - 10, 11 & 12
UNIT TEST IV	CH - 13, 14 & 15

FINAL EXAMINATION

FULL SYLLABUS (1 - 19)

Subject – CHEMISTRY

PRESCRIBED BOOK: NCERT CHEMISTRY
LAB MANUAL: COMPREHENSIVE: LAXMI PUBLICATION

APRIL

UNIT	-	SOME BASIC CONCEPT OF CHEMISTRY
UNIT	-	STRUCTURE OF ATOM (CONTD.)

MAY

UNIT	-	STRUCTURE OF ATOM (CONTD.)
UNIT	-	CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

JULY

UNIT	-	CHEMICAL BONDING AND MOLECULAR STRUCTURE
UNIT	-	THERMODYNAMICS (CONTD.)
Lab Activity	-	PURIFICTION BY CRYSTALLIZATION

AUGUST

UNIT	-	THERMODYNAMICS (CONTD.)
UNIT	-	EQUILIBRIUM
Lab Activity	-	TITRATION

SEPTEMBER

UNIT	-	REDOX REACTIONS

REVISION FOR HALF YEARLY EXAM

UNIT	-	ORGANIC CHEMISTRY –SOME BASIC PRINCIPLES AND TECHNIQUES (CONTD.).

OCTOBER

UNIT	-	ORGANIC CHEMISTRY - SOME BASIC PRINCIPLES AND TECHNIQUES (CONTD.).
Lab Activity	-	VOLUMETRIC ANALYSIS

NOVEMBER

UNIT	-	HYDROCARBON
Lab Activity	-	SALT ANALYSIS

DECEMBER
REVISION
Lab Activity - SALT ANALYSIS

JANUARY
REVISION
Lab Activity - REVISION

FEBRUARY
CONDUCTION OF FINAL EXAMS

SYLLABUS FOR EXAMS:
UT1: SOME BASIC CONCEPT OF CHEMISTRY
UT2: STRUCTURE OF ATOM
CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES
HALF YEARLY: SOME BASIC CONCEPT OF CHEMISTRY
STRUCTURE OF ATOM
CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES
CHEMICAL BONDING AND MOLECULAR STRUCTURE
UT3: THERMODYNAMICS
EQUILLIBRIUM (HALF)
UT4: REDOX
SOME BASIC CONCEPT OF ORGANIC CHEMISTRY
FINALS: WHOLE SYLLABUS

Subject – PHYSICS

Prescribed Book - NCERT Part (1&2)
Lab Manual - Comprehensive Physics XI (Laxmi Publication)

APRIL

Chapter - Units and Measurements
Experiments - 1. To measure diameter of a small spherical/ cylindrical body and to measure internal diameter and depth of a given beaker/ calorimeter using Vernier Callipers and hence find its volume.
2. To measure diameter of a given wire and thickness of a given sheet using screw gauge
3. To determine volume of an irregular lamina using screw gauge.
Activities - 1. To make a paper scale of given least count, e.g., 0.2cm, 0.5 cm.
2. To determine mass of a given body using a meter scale by principle of moments.

MAY

Chapter - Motion in a Straight Line
Chapter - Motion in a Plane
Experiments - 1. To determine radius of curvature of a given spherical surface by a speedometer.
Activities - 1. To measure the force of limiting friction for rolling of a roller on a horizontal plane.
2. To study the variation in range of a projectile with angle of projection.
3. To study the conservation of energy of a ball rolling down on an inclined plane (using a double inclined plane).

JULY

Chapter - Work, Energy and Power

AUGUST

Chapter - System of Particles and Rotational Motion

Experiments - 1. To study the relationship between force of limiting friction and normal reaction and to find the co- efficient of friction between a block and a horizontal surface.
2. To find the downward force, along an inclined plane, acting on a roller due to gravitational pull of the earth and study its relationship with the angle of inclination θ by plotting graph between force and $\sin\theta$..

SEPTEMBER

Chapter - Gravitation

OCTOBER

Chapter - Mechanical Properties of Solids
Chapter - Mechanical Properties of Fluids

NOVEMBER

Chapter - Thermal Properties of Matter
Chapter - Thermodynamics
Experiments - 1. To determine Young's modulus of elasticity of the material of a given wire.
2. To find the force constant of a helical spring by plotting a graph between load and extension.
3. To determine the surface tension of water by capillary rise method.
4. To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body.
Activities - 1. To study the factors affecting the rate of loss of heat of a liquid.
2. To study the effect of detergent on surface tension of water by observing capillary rise.

DECEMBER

Chapter - Oscillations
Chapter - Waves

Experiments - 1. Using a simple pendulum, plot its L-T^2 graph and use it to find the effective length of second's pendulum.
2. To study the relation between the length of a given wire and tension for constant frequency using sonometer.

JANUARY
Revision of Complete Syllabus

FEBRUARY
ANNUAL EXAMINATION

Subject – PHYSICAL EDUCATION

1. Health and Physical Education ,Class 11, Published by V.K SHARMA
2. Practical work in Physical Education ,class 11, Published by BIG THINK

THEORY

Part-A

Unit Fundamental of physical education

Unit 1: Changing Trends and Career In Physical Education
Unit 2: Olympic Value Education
Unit 3: Yoga
Unit 4: Physical Education & sports for CWSN
Unit 5: Physical fitness, wellness
Unit 6: Test, measurement & evaluation
Unit 7: Fundamental of anatomy and physiology in sports
Unit 8: Fundamental of kinseology and Biomechanics in sports
Unit 9: Psychology & sports
Unit10: Training and doping in sports

Part-B

Practical

1. Physical fitness test: SAI khelo india Test, Brockport physical fitness test
2. Proficiency in games and sports
   (Skill of any one IOA recognized sports/games of choice)
3. Yogic practices
4. Record file
5. Viva voice (health/games & sports/yoga)

APRIL

A. Fundamental of physical education

Unit 1: Changing trends and carrer in physical education

1. Concept aims and objective of physical education
2. Development of physical education in india- post independence
3. Changing trends in sports – playing surface, wearable gears and sports equipments
4. Career option in physical education
5. Khelo india and Fit- India program

Unit 3: Yoga

1. Meaning and importance of yoga
2. Introduction to Ashtanga yoga

3. Yogic kriya (shat karma)
4. Pranayama and its types
5. Active lifestyle and stress management through yoga

MAY

Unit 1: Olympism value education

1. Olympic - concept and Olympics values (Excellence, Friendship and Respect)
2. Olympic value education- joy of effort, fair play , respect for other, pursuit of excellence, balance among body, will and mind
3. Ancient and modern Olympics
4. Olympic- symbols, motto , flag ,oath, and anthem
5. Olympic movement structure- IOC, NOC, IFS, other member

Unit 5: physical fitness, health and wellness

1. Meaning and importance of wellness, health and physical fitness
2. Components/dimension of wellness, health and physical fitness
3. Traditional sports and regional games for promoting wellness
4. Leadership through physical activity and sports
5. Introduction to First Aid - PRICE

JULY

Unit 4: physical education& sports for Children with special needs

1. Concept of disability and disorder
2. Types of disability, its causes & nature
3. Disability etiquete
4. Aims and objective of adaptive physical education
5. Role of various professional for children with special needs

AUGUST

Unit 7: Fundamental of anatomy, physiology in sports

1. Definition and importance of anatomy and physiology in sports
2. Function of skeletal system, classification of bone and types of joint
3. Properties functions of muscles
4. Function and structure of circulatory system and heart
5. Function and structure of respiratory system

SEPTEMBER

HALF YEARLY

OCTOBER

Unit 6: Test, Measurement & Evaluation

1. Define test, measurement and evaluation
2. Importance of test measurement and evaluation in sports
3. Calculation of BMI , waist- hip ratio, skinfold measurement
4. Somato types (endomorphy , mesomorphy, & ectomorphy)
5. Measurement of health related fitness

Unit 9: psychology in sports

1. Definition and importance of psychology in physical education & sports
2. Developmental characteristics at different stages of development
3. Adolescents problems and their management
4. Team cohesion and sports
5. Introduction to psychological attributes: attention, resilience, mental toughness

NOVEMBER

Unit 8: Fundamental of kinseology and biomechanic in sports

1. Definition and importance of kinseology and biomechanic in sports
2. Principle of biomechanic
3. Kinetic and kinematics in sports
4. Types of body movement- flexion, extension, abduction, adduction, rotation
5. Axis and planes- concept and its application in body movements

DECEMBER

Unit 10: Training and doping in sports

1. Concept and principle of sports training
2. Training load: over load , adaptation and recovery
3. Warming-up & limbering down- types, method& importance
4. Concepet of skill, technique, tactics & strategies
5. Concept of doping and its advantages

JANUARY

B. Practical work in Physical education file

Practical 1: fitness administration

Practical 2: procedure for asanas, benefits & contraindication for any two asana for each lifestyle disease

Practical 3: any one IOA recognized sports /game of choice: labelled diagram of field & equipment also mention its rules, terminologies & skills.

Subject – PSYCHOLOGY

PRESCRIBED BOOK : Psychology, Class XI, Published by NCERT

MARCH & APRIL

Unit-1 - **What is Psychology?**

UT 1 SYLLABUS

Unit-1 - **What is Psychology?**

MAY

Unit-2 - **Methods of Enquiry in Psychology**

JULY

Unit-3 - **Human Development**

UT 2 SYLLABUS

Unit-2 - **Methods of Psychological Enquiry**
Unit-3 - **Human Development**

AUGUST

Unit-4 - **Sensory, Attentional and Perceptual Processes**

SEPTEMBER

Unit-5 - **Learning**

HALF YEARLY EXAMINATION SYLLABUS

Unit-1 - **What is Psychology?**
Unit-2 - **Methods of Enquiry in Psychology**
Unit-3 - **Human Development**
Unit-4 - **Sensory, Attentional and Perceptual Processes**

OCTOBER

Unit-5 - **Learning (Contd.)**

NOVEMBER

Unit-6 - **Human Memory**

UT 3 SYLLABUS

Unit-5 - **Learning**
Unit-6 - **Human Memory**

DECEMBER

Unit-7 - **Thinking**

JANUARY

Unit-8 - **Motivation and Emotion**

UT 4 SYLLABUS

Unit-7 - **Thinking**

Unit-8 - **Motivation and Emotion**

REVISION

Subject – HISTORY

PRESCRIBED BOOK: Themes In World History

APRIL

Week 1

CHAPTER 1 - WRITING AND CITY LIFE

- Mesopotamia and its Geography
- The significance of Urbanism
- The system of writing

Week 2

CHAPTER 1 - CONTINUED

- Temples and king in south
- Life in the city
- A trading town and The legacy of writing

Week 3&4

CHAPTER 2 - AN EMPIRE ACROSS THREE CONTINENTS

- The early Empire
- Gender, Literacy and culture
- Economic expansion and controlling workers
- Social hierarchies and late antiquity

MAY

Week 1&2

CHAPTER 3 - NOMADIC EMPIRES

- Introduction about the Empire
- Social and political background
- The career of Genghis khan

Week 3&4

CHAPTER 3 - continued

- The Mongols after Genghis khan
- Social, Political and military organization
- Situating Genghis khan and the Mongols in World history

JULY

Week 1&2

CHAPTER 4 - THE THREE ORDER

- An introduction to Fuedalism
- France and England
- The three order
- The Manorial estate And the Knights

Week 3&4

CHAPTER 4 - THE THREE ORDER

- Monks and the Church and society
- Factors affecting social and Economic Relations
- New towns and Towns people
- The crisis of the Fourteenth century

AUGUST

Week 1&2

CHAPTER 5 - CHANGING CULTURAL TRADITIONS

- The revival of Italian States
- The Humanist view of History
- Science and philosophy
- The fisrt printed books

Week 3&4

CHAPTER 5 - Continued

- A new concepts of Human beings
- The aspirations of women
- Debates within Christianity
- The Copernican revolution

SEPTEMBER

Revision of Half Yearly Examination

Half Yearly Examination

OCTOBER

Week 1&2

CHAPTER 6 - DISPLACING INDEGENOUS PEOPLE

- European Imperialism
- The native peoples
- Canada and USA

Week 3&4

CHAPTER 6 - Continued...

- Encounters with Europeans
- Mutual perceptions

NOVEMBER

Week 1&2

CHAPTER 6 - Continued...

- The gold rush and growth of Industries
- The winds of change
- Australia

Week 3&4
CHAPTER 7 - PATHS TO MODERNIZATION

- Introduction :Japan
- Meiji restoration and modernizing the economy

DECEMBER
Week 1&2
CHAPTER 7 - CONTINUED...

- Daily life and overcoming modernity
- China: Establishing the Republic
- Rise of communist party of China and reforms from 1978

Week 3&4
CHAPTER 7 - CONTINUED...

- The story of Taiwan
- The story of korea: A post war nation
- Rapid industrialization and Korean Democracy
- Two roads to Modernization

JANUARY
REVISION FOR ANNUAL EXAMS

FEBRUARY
ANNUAL EXAMINATION

SYLLABUS FOR UNIT TEST - 1 : Chapter 1 and 2
SYLLABUS FOR UNIT TEST - 2 : Chapter 2 and 3
SYLLABUS FOR HALF YEARLY EXAMINATION - Chapter 3,4 and 5
SYLLABUS FOR UNIT TEST - 3 : Chapter - 5 and 6
SYLLABUS FOR UNIT TEST - 4 : Chapter - 6 and 7
SYLLABUS FOR ANNUAL EXAMS - COMPLETE SYLLABUS

Subject – GEOGRAPHY

BOOK : Fundamentals of physical Geography, India Physical Environment, Practical work in Geography Part 1

APRIL

Week 1

CHAPTER 1 - GEOGRAPHY AS A DISCIPLINE
NATURE AND SCOPE
APPROACH S
BRANCH OF GEOGRAPHY
DUALISM IN GEOGRAPHY

Week 2

CHAPTER 1 - INDIA - LOCATION
Location and size
India's Neighbour

Week 3

CHAPTER 2 - ORIGIN AND EVOLUTION OF THE EARTH
Modern theories
Star formation
Evolution of the Earth
Evolution of Lithosphere
Origin of life

Week 4

CHAPTER 3 - INTERIOR OF THE EARTH
Sources : direct and indirect
Earthquake and effects of earthquake
Structure of the earth
Volcanoes

MAY

Week 1

CHAPTER 4 - DISTRIBUTION OF OCEANS AND CONTINENTS
Contiental drift
Evidence in support of continental drift
Ocean floor configuration
Distribution of earthquake and volcanoes

Week 2

CHAPTER 2 - STRUCTURE AND PHYSIOGRAPHY
The peninsular block
The Himalayas

The Indian desert
The Coastal plains
The Islands

Week 3

- DRAINAGE SYSTEM
The Himalayan drainage
Peninsular Drainage system
Usability of water

Week 4

CHAPTER 5 - GEOMORPHIC PROCESSES
Weathering and mass wasting
Erosion and deposition
Soil - formation

JULY

Week 1

CHAPTER 6 - LANDFORMS AND THEIR EVOLUTION
Running water: Depositional and erosional features
Glaciers: Depositional and erosional features
Waves and currents: Depositional and erosional features
Winds: Depositional and erosional features

Week 2

CLIMATE
Weather and climate
Factors affecting India's climate
The nature of Indian monsoon
Types of season

Week 3

VEGETATION
Types of forests in India
Forest conservation
Wildlife conservation in India
Biosphere reserves

Week 4

CHAPTER 7 - COMPOSITION AND STRUCTURE OF ATMOSPHERE
Composition of gases
Elements of weather and climate
Layers of atmosphere

AUGUST

Week 1

CHAPTER 8 - SOLAR RADIATION, HEAT BALANCE AND TEMP

Insolation - distribution and heat budget
Heating and cooling of Atmosphere
Factors controlling temperature

Week 2

CHAPTER 8 - CONTINUED

Inversion of temeperature and horizontal and vertical distribution

Week 3

CHAPTER 9 - ATMOSPHERIC CIRCULATION AND WEATHER

Atmospheric pressure, Vertical variations
Pressure and winds

Week 4

CHAPTER 9 - CONTINUED

Air masses :Tropical and Extra tropical cyclones
Thunderstorms and Tornadoes

SEPTEMBER

Revision of Half Yearly Examination
Half Yearly Examination

OCTOBER

Week 1

CHAPTER 10 - WATER IN THE ATMOSPHERE

Evaporation and condensation
Types of clouds
Precipitation, Types of Rainfall and world distribution of Rainfall

Week 2&3

CHAPTER 10 - WATER IN THE ATMOSPHERE

Precipitation, Types of Rainfall and world distribution of Rainfall

Week 4

CHAPTER 11 - WATER (OCEANS)

Hydrological cycle
Division of Ocean floor
Minor and major relief features

NOVEMBER

Week 1

CHAPTER 11 - WATER (OCEANS) CONTINUED

Temperature of ocean water
Horizontal and vertical distribution of temp
Salinity of ocean water (Horizontal and vertical distribution)

Week 2&3

CHAPTER 12 - MOVEMENT OF OCEAN WATER

Waves and Tides
Types of tides
Types of ocean currents
Major ocean currents

Week 4

- INTRODUCTION TO MAPS

Essential of map making
History of Map making
Types of Maps

DECEMBER

Week 1

MAP SCALE

Methods of scale
Conversion of scale
Construction of scale

Week 2

MAP PROJECTIONS

Need for map projection
Elements of Map projection
Construction of Map projections

Week 3

TOPOGRAPHICAL MAPS

Methods of Relief presentation, Contours
Types of slopes
Steps of drawing of cross- section
Distribution of settlements and Map interpretation

Week 4

INTRODUCTION TO REMOTE SENSING

Stages in remote sensing
Sensors
Resolving powers of the satellite and sensor resolution

Data products and elements of visual interpretation

JANUARY
REVISION FOR ANNUAL EXAMS

FEBRUARY
ANNUAL EXAMINATION

SYLLABUS FOR UNIT TEST - 1 : GEOGRAPHY AS A DISCIPLINE, INDIA- LOCATION, ORGIN AND EVOLUTION OF THE EARTH

S**YLLABUS FOR UNIT TEST - 2** : INTERIOR OF THE EARTH , DISTRIBUTION OF OCEANS AND CONTINENTS , STRUCTURE AND PHYSIOGRAPHY, DRAINAGE

SYLLABUS FOR HALF YEARLY EXAMINATION -
Chapter 5, 6, 7, 8, 9 and climate

SYLLABUS FOR UNIT TEST - 3 : Chapter 10,11 and Vegetation

SYLLABUS FOR UNIT TEST - 4 : Chapter - 11, 12, Climate and vegetation

SYLLABUS FOR ANNUAL EXAMS - COMPLETE SYLLABUS

Subject – POLITICAL SCIENCE

PRESCRIBED BOOK: POLITICAL SCIENCE (PART A & B), CLASS XI, PUBLISHED BY NCERT.

APRIL

Part A: Indian Constitution at Work

Ch-1: Constitution- Why and How?

Constitution: Why and How
The Making of the Constitution

Ch-2: Rights in the Indian Constitution

Fundamental Rights and Duties
Directive Principles of State Policy
Constitutional Amendments

SYLLABUS:

UNIT TEST 1

Ch-1: Constitution- Why and How?

Ch-2: Rights in the Indian Constitution

MAY

Part B: Political Theory

Ch-1: Political Theory: An Introduction

What is Politics?
Politics V/s Political Theory
Importance of Political Theory

Part A: Indian Constitution at Work

Ch-3: Election and Representation

Elections and Democracy
Election System in India
Electoral Reforms

Ch-4: Executive

What is an Executive?
Different Types of Executive
Prime Minister and Council of Ministers
Permanent Executive: Bureaucracy

JULY

Part A: Indian Constitution at Work

Ch-5: Legislature

Why do we need a Parliament?

Unicameral / Bicameral Legislature
Functions and Power of the Parliament
Parliamentary committees
Parliamentary Officials: Speaker, Deputy Speaker, Parliamentary Secretary

Ch-2: Freedom

Liberty
Liberty V/s Freedom
Negative and Positive Liberty

Part B: Political Theory

Ch-3: Equality

What is Equality?
Significance of Equality
Various dimensions of Equality
How can we promote Equality?

SYLLABUS

UNIT TEST 2

Ch 1: Political Theory- An introduction
Ch 3: Election and Representation
Ch 4: Executive

AUGUST

Part A: Indian Constitution at Work

Ch-6: Judiciary

Why do we need an Independent Judiciary?
Structure of the Judiciary
Judicial Review
Judicial Activism
Judicial Over-reach

Part B: Political Theory

Ch-4: Social Justice

What is Justice?
Different dimensions of Justice
Distributive Justice

SEPTEMBER

Part B: Political Theory

Ch-5: Rights

What are Rights?
Where do Rights come from?

Legal Rights and the State
Kinds of Rights
Human Rights

SYLLABUS
Half yearly Examination
Ch 2: Rights in the Indian Constitution
Ch 3: Election and Representation
Ch 4: Executive
Ch 5: Legislature
Ch 1: Political theory
Ch 2: Freedom
Ch 3: Equality
Ch 4: Social Justice

OCOTOBER
Part A: Indian Constitution at Work
Ch-6: Federalism
What is Federalism?
Evolution & Growth of the Indian Federalism: Quasi Federalism, Cooperative Federalism & Competitive Federalism
Part B: Political Theory
Ch-6: Citizenship
What is citizenship?
Citizen and Citizenship
Citizen and Nation
Global Citizenship

NOVEMBER
Part A: Indian Constitution at Work
Ch-8: Local Governments
Why do we need Local Governments?
Growth of Local Government in India
73rd and 74th Amendments
Working and Challenges of Local Governments

SYLLABUS
UNIT TEST 3
Ch 5: Rights
Ch 6: The Judiciary
Ch 7: Federalism

DECEMBER

Part A: Indian Constitution at Work

Ch-9: Constitution as a living document

Are Constitution static?
How to amend the constitution?
Basic structure and evolution of Constitution

Part B: Political Theory

Ch-7: Nationalism

Nations and Nationalism
Variants of Nationalism
Nationalism, Pluralism and Multiculturalism

JANUARY

Part A: Indian Constitution at Work

Ch-10: The Philosophy of the Constitution

Meaning of Philosophy of the Constitution
Constituent assembly
Political Philosophy of the Indian Constitution
Universal Adult Franchise

Part B: Political Theory

Ch-8: Secularism

What is Secularism?
What is Secular State?
The Western and the Indian perspectives to Secularism
Salient Features of Indian Secularism.

Revision

SYLLABUS

UNIT TEST 4

Ch 6: Citizenship

Ch 8: Local Governments

Ch-9: Constitution as a living document

Subject – ACCOUNTANCY

PRESCIRBED BOOK: D.K. GOEL

APRIL

PART A: FINANCIAL ACCOUNTING - I

Unit-1: Theoretical Frame Work

Introduction to Accounting

- Accounting- concept, objectives, advantages and limitations, types of accounting information; users of accounting information and their needs. Qualitative Characteristics of Accounting Information. Role of Accounting in Business.
- Basic Accounting Terms- Business Transaction, Capital, Drawings. Liabilities (Non-Current and Current). Assets (Non-Current, Current); Fixed assets (Tangible and Intangible), Expenditure (Capital and Revenue), Expense, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Discount (Trade discount and Cash Discount)

Unit-2: Accounting Process

Accounting Equation Approach: Meaning and Analysis, Rules of Debit and Credit.

- Basic accounting concept : Business Entity, Money Measurement, Going Concern, Accounting Period, Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism, Materiality and Objectivity
- System of Accounting. Basis of Accounting: cash basis and accrual basis

MAY

Unit 1: Theory Base of Accounting

- Accounting Standards: Applicability in IndAS
- Goods and Services Tax (GST): Characteristics and Advantages.
- Fundamental accounting assumptions: GAAP: Concept

Unit-2: Accounting Process

Recording of Business Transactions

- Voucher and Transactions: Source documents and Vouchers, Preparation of Vouchers, Accounting Equation Approach: Meaning and Analysis, Rules of Debit and Credit.

- Recording of Transactions: Books of Original Entry- Journal

JULY

Unit-2: Accounting Process

Special Purpose books:

- Cash Book: Simple, cash book with bank column and petty cashbook
- Purchases book
- Sales book
- Purchases return book
- Sales return book
- Journal proper Note: Including trade discount, freight and cartage expenses for simple GST calculation.
- Ledger: Format, Posting from journal and subsidiary books, Balancing of accounts

AUGUST

Unit 2: Accounting process

Bank Reconciliation Statement:

- Need and preparation, Bank Reconciliation Statement Depreciation, Provisions and Reserves
- Depreciation: Meaning, Features, Need, Causes, factors
- Other similar terms: Depletion and Amortisation
- Methods of Depreciation:
  i. Straight Line Method (SLM)
  ii. Written Down Value Method (WDV)
  Note: Excluding change of method
- Difference between SLM and WDV; Advantages of SLM and WDV
- Method of recoding depreciation
  i. Charging to asset account
  ii. Creating provision for depreciation/accumulated depreciation account
- Treatment of disposal of asset

SEPTEMBER

Unit 2: Accounting process

- Provisions, Reserves, Difference Between Provisions and Reserves.
- Types of Reserves:
  i. Revenue reserve
  ii. Capital reserve

iii. General reserve
iv. Specific reserve
v. Secret Reserve

- Difference between capital and revenue reserve Trial balance and Rectification of Errors
- Trial balance: objectives, meaning and preparation (Scope: Trial balance with balance method only)

OCTOBER

Unit-2: Accounting Process

- Errors: classification-errors of omission, commission, principles, and compensating; their effect on Trial Balance.
- Detection and rectification of errors;
  (i) Errors which do not affect trial balance
  (ii) Errors which affect trial balance
- Preparation of suspense account.

NOVEMBER

Part B: Financial Accounting - II

Unit 3: Financial Statements of Sole Proprietorship (Without adjustment)

- Financial Statements-Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure; Deferred Revenue expenditure. Opening journal entry. Trading and Profit and Loss Account: Gross Profit, Operating profit and Net profit. Preparation Balance Sheet: need, grouping and marshalling of assets and liabilities.

DECEMBER

Part B: Financial Accounting - II

Unit 3: Financial Statements of Sole Proprietorship without adjustment)

- Preparation-Adjustments in preparation of financial statements with respect to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance, depreciation, bad debts, provision for doubtful debts, provision for discount on debtors, Abnormal loss, Goods taken for personal use/staff welfare, interest on capital and managers commission. Preparation of Trading and Profit and Loss account and Balance Sheet of a sole proprietorship with adjustments.

Incomplete Records
Features, reasons and limitations. Ascertainment of Profit/Loss by Statement of Affairs method. (excluding conversion method)

JANUARY
Revision
Project Work

- 1. Collection of source documents, preparation of vouchers, recording of transactions with the help of vouchers.
  2. Preparation of Bank Reconciliation Statement with the given cash book and the pass book with twenty to twenty five transactions.
  3. Comprehensive project of any sole proprietorship business. This may state with journal entries and their ledgering, preparation of Trial balance. Trading and Profit and Loss Account and Balance Sheet. Expenses, incomes and profit (loss), assets and liabilities are to be depicted using pie chart / bar diagram. This may include simple GST related transactions.

SYLLABUS:
UNIT TEST 1
Unit 1: Theoretical framework: Introduction to accounting
Unit 2: Basic Accounting Terms and accounting equation

UNIT TEST 2
Unit 2: Accounting process

Half yearly Examination
Unit 1: Theoretical framework
Unit 2: Accounting process

UNIT TEST 3
Depreciation
Provisions and reserve
Bank reconciliation statement
Subsidiary book-purchase book, sales book, sales return book, purchase return book

FINAL EXAMINATION
Unit-1: Theoretical Frame Work
Unit-2: Accounting Process
Unit 3: Financial Statements of Sole Proprietorship

Subject – ECONOMICS

Prescribed Books:
1. Statistics For Economics, NCERT
2. Introductory Microeconomics, Sandeep garg

APRIL

Part A: Statistics for Economics

Unit 1: Introduction

- What is Economics?
  - Understand the basic nature of the subject of Economics.
- Meaning, scope, functions and importance of statistics in Economics
  - Understand the meaning, definition, content, scope and nature of statistics.

Part B: Introductory Microeconomics

Unit 4: Introduction

- Meaning of microeconomics and macroeconomics; positive and normative economics
  - Know the meaning of micro-economics.
  - Differentiate between positive and normative economics.
  - Differentiate between micro and macro- economics.
- What is an economy? Central problems of an economy, Concepts of production possibility frontier and opportunity cost.
  - Explain the meanings and types central problems: what, how and for whom to produce
  - Understand the concept of opportunity cost and PPC.

MAY

Part A: Statistics for Economics

Unit 2: Collection, Organisation and Presentation of data

- Collection of data - sources of data - primary and secondary; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organisation.
  - Understand the data according to source.
  - Analysing the method of primary data collection.
  - To understand how basic data is collected with concepts of sampling.

- Know about the various methods of random and non random sampling.
- Discuss the advantages and disadvantages of primary and secondary data.
- Explain the importance of NSSO.

- Organisation of Data: Meaning and types of variables; Frequency Distribution.
  - Understand the concept of exclusive and inclusive series.
  - Differentiate between different types of series.

Part B: Introductory Microeconomics

Unit 5: Consumer's Equilibrium and Demand

- Consumer's equilibrium - meaning of utility, marginal utility, law of diminishing marginal utility, conditions of consumer's equilibrium using marginal utility analysis.
  - Explain the concept of consumer equilibrium through cardinal approach.
  - Describe the law of diminishing marginal utility.
- Indifference curve analysis of consumer's equilibrium-the consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium.
  - Explain the concept of indifference curve analysis.
  - Understand the concept of budget line and budget constraint.
  - Discuss the various conditions of consumer equilibrium.

JULY

Part A: Statistics for Economics

Unit 2: Collection, Organisation and Presentation of data

- Presentation of Data: Tabular Presentation and Diagrammatic Presentation of Data:
  (Geometric forms (bar diagrams and pie diagrams)
  - Understand the objectives to prepare a table and its application.
  - Know about parts of a table.
  - Explain and practice various ways of presenting the data diagrammatically with the help of bar diagrams and graphical representation.
- Frequency diagrams (histogram, polygon and Ogive)
  - Explain and practice the frequency diagrams.
- Arithmetic line graphs
  - Understand the importance of time series graphs

Part B: Introductory Micro economics
Unit 5: Consumer's Equilibrium and Demand

- Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve
  - Explain the concepts of demand and its determinants.
  - Describe the types of goods- normal and inferior goods.
  - Describe the change in demand and change in quantity demanded.
- Price elasticity of demand - factors affecting price elasticity of demand; measurement of price elasticity of demand – percentage-change method and total expenditure method
  - Elaborate the concept of elasticity of demand and use of percentage method.
  - Explain total expenditure method with its application.

AUGUST

Part A: Statistics for Economic
Unit 3: Statistical Tools and Interpretation

- Measures of Central Tendency- Arithmetic mean
  - Discuss the meaning of arithmetic mean and weighted mean along with their computations.
  - Application of various methods to calculate mean (direct, short cut, step deviation).

Part B: Introductory Microeconomics
Unit 6: Producer Behavior and Supply

- Meaning of Production Function – Short-Run and Long-Run
  - Differentiate between stock and supply.
  - Know the meaning of production function.
  - Differentiate between short run and long run.
- Total Product, Average Product and Marginal Product.
  - Explain The meaning of TP, AP and MP.
- Returns to a Factor
  - Describe the importance and concept of law variable proportion.
- Cost: Short run costs- total cost, total fixed cost, total variable cost; Average cost; Average fixed cost, average variable cost and marginal cost-meaning and their relationships.
  - Learning the concept of cost in economics producers.
  - Differentiating between fixed and variable cost, implicit and explicit cost.
  - Explain the relationship between different kinds of cost.

SEPTEMBER
REVISION

OCTOBER
Part A: Statistics for Economic
Unit 3: Statistical Tools and Interpretation

- Measures of Central Tendency- Median and Mode
  - Understand the application of Mode and Median in different types of situations.
  - Understand the numerical computation of Median in different types of series.
  - Application of Partitional value.
  - Application of Mode and its computation by grouping method and Analysis Table Method.

Part B: Introductory Microeconomics
Unit 6: Producer Behaviour and Supply

- Revenue - total, average and marginal revenue - meaning and their relationship.
  - Discuss the diagrammatic depiction of revenue concepts and trends in schedules.
- Producer's equilibrium-meaning and its conditions in terms of marginal revenue- marginal cost.
  - Understand the condition to find producers equilibrium.

NOVEMBER
Part A: Statistics for Economic
Unit 3: Statistical Tools and Interpretation

- Correlation – meaning and properties, scatter diagram; Measures of correlation - Karl Pearson's method (two variables ungrouped data) Spearman's rank correlation.
  - Explain the meaning and the properties of correlation.
  - Application of the Karl Pierson's and Rank Correlation Method.

Part B: Introductory Microeconomics
Unit 6: Producer Behaviour and Supply

- Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage-change method.
  - Explain the concepts of supply and its determinants.
  - Describe the change in supply and change in quantity supplied.

- Elaborate the concept of elasticity of supply and use of percentage method.

Unit 7: Forms of Market and Price Determination under Perfect Competition with simple applications.

- Perfect competition - Features; Determination of market equilibrium and effects of shifts in demand and supply.
  - Understand the concept of different types of market structure.
  - Understand the dynamics of change in the equilibrium price and quantity.

DECEMBER

Part A: Statistics for Economics

Unit 3: Statistical Tools and Interpretation

- Introduction to Index Numbers - meaning, types - wholesale price index, consumer price index and index of industrial production, uses of index numbers; Inflation and index numbers.
  - Explain the meaning and types of index numbers.
  - Explain different methods of constructing price index numbers.
  - Differentiate between weighted and unweighted index numbers.

Part B: Introductory Microeconomics

Unit 7: Forms of Market and Price Determination under Perfect Competition with simple applications.

- Simple Applications of Demand and Supply: Price ceiling, price floor.
  - Explain the concept of rationing and Minimum Support Price.

JANUARY

Revision

Part C: Project in Economics

Guidelines as given in Class XI curriculum (CBSE)

SYLLABUS:

Unit Test 1 - Unit 1 and 4
Unit Test 2 - Unit 2 and Unit 5 (Utility analysis)
Half Yearly - Unit 1, Unit 2, Unit 3 (Arithmetic Mean), Unit 4, Unit 5
Unit Test 3 - Unit 6 (Producer Behaviour), Median, Mode
Unit Test 4 - Unit 6 (Supply), Forms of market , Index number
Final Examination - whole Syllabus

Subject – FINE ARTS

JULY

Theory

The Elements and Principles of Art.
Prehistoric rock paintings
Art of Indus Valley Civilization

Practical

Still life
Landscape painting

AUGUST

Theory

Art of Indus Valley Civilization
General Instruction of Art during Maurya, Shunga, Kushana and Gupta period

Practical

Composition painting (figure composition)
Composition painting with mandala art

SEPTEMBER

Theory

Art of Ajanta
Indian Temple Sculptures
Practical
Still life
Composition in poster colour

OCTOBER

Theory

Indian Temple Sculptures
Indian Bronzes

Practical

Folk art painting

NOVEMBER

Theory

Indo - Islamic Architecture

Practical

Still life object study

DECEMBER

Theory

Revision of sculpture of contemporary Indian artist

Practical

Figurative composition

JANUARY

Canvas painting

FEBRUARY

Scutputure artists of india

Practical

One sculpture or a mural

Subject – THEATER

APRIL-MAY

- Basics of Stage & Drama
- Use & Importance of Theatre & Drama in Daily life
- Encourage Group discussions and Debating
- Lessons on How theatre helps in improving Life skills
- Theatre a tool of personality development
- Stage show in May

JULY-AUGUST

- Voice & Speech, Body language & Expressions
- Mime
- Story building
- Story Telling

AUGUST-SEPTEMBER

- Group Improvisations & Character Building
- Basics of Script writing & Story Board
- Script and story narrations

SEPTEMBER-OCTOBER

- Stage & Light designing
- Set Designing
- Costume designing
- Basics of make up

OCTOBER-NOVEMBER

- How to face interviews & Give presentations
- Story Telling by Puppets
- Special lessons on voice & Speech
- Production by students

NOVEMBER-DECEMBER

- Theatre Production based on Greek Literature

DECEMBER-JANUARY

- Basics of speech and Public speaking
- Literature By Mohan Rakesh
- Final Solo Presentation by students- Monologues From plays by Mohan Rakesh

JANUARY-FEBRUARY

- Group performances based on Indian Mythology