

SUDITI GLOBAL ACADEMY, MAINPURI
SYLLABUS FOR ANNUAL EXAMINATION (2023-24)
CLASS XI

ENGLISH CORE

- I. Reading Comprehension through Unseen Passage**
- II. Note Making and Summarization based on a passage**
- III. Literature Text Book and Supplementary Reading Text**

.Hornbill:

- i. The Portrait of a Lady
- ii. “We’re Not Afraid to Die... if We Can be Together
- iii. Discovering Tut: the Saga Continues
- iv. The Adventure
- v. Silk Road

Poetry

- i. A Photograph
- ii. The Laburnum Top
- iii. The Voice of the Rain
- iv. Childhood
- v. Father to Son

Snapshots:

- i. The Summer of the Beautiful White Horse
- ii. The Address
- iii. Mother’s Day
- iv. Birth
- v. The Tale of Melon City

IV. Grammar

- Gap filling
- Tenses
- Clauses
- Re-ordering sentences
- Transformation of sentences

V. Creative Writing Skills

Short writing task:

- Classified Advertisements
- Poster

Long writing task:

- Speech
- Debate

Learning Objectives & Outcomes

- Conceptual understanding
 - Analyzing, interpreting
 - Using appropriate format and fluency
 - Application of rules, Analysis, Reasoning,
 - Evaluation and creativity
 - Creativity with fluency
 - Critical Thinking.
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MATHEMATICS

1. sets

Introduction, Sets and their Representations

The Empty Set, Finite and Infinite Sets, Equal Sets, Subsets, Universal Set, Venn Diagrams

Operations on Sets, Complement of a Set

2. Relations and Functions

Cartesian product of sets, Relations, Functions.

3. Trigonometric Functions

Angles, trigonometric functions, Trigonometric Functions of Sum and Difference of Two Angles

4. Complex Numbers and Quadratic Equations

Complex Numbers, Algebra of Complex Numbers, The Modulus and the Conjugate of a Complex Number, Argand Plane and Polar Representation

5. Linear Inequalities

Inequalities, Algebraic Solutions of Linear Inequalities in One Variable and their Graphical Representation

6. Permutations and Combinations Fundamental Principle of Counting

Permutations, Combinations

7. Binomial Theorem.

Binomial Theorem for Positive Integral Indices

8. sequence and series

Sequences, Series, geometric progression Relationship Between A.M. and GM.

9. Straight Lines

Slope of a Line, Various Forms of the Equation of a Line, Distance of a Point From a Line

10. Conic Sections

Sections of a Cone, Circle, Parabola, Ellipse Hyperbola

11. Introduction to Three Dimensional Geometry

Coordinate Axes and Coordinate Planes in Three Dimensional Space, Coordinates of a Point in Space, Distance between Two Points

12. Limits and Derivatives

Intuitive Idea of Derivatives, Limits Limits of Trigonometric Functions, Derivatives

13. Statistics

Measures of Dispersion, Range, Mean Deviation, Variance and Standard Deviation. b

14. Probability

Events, Axiomatic Approach to Probability

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PAINTING

Unit I – (A) Introduction of Art (B) Prehistoric Rock Painting

Unit II – Buddhist & Jain Hindu Art

Unit III-Temple Sculpture, Bronze & artistic aspects of Indo Islamic Architecture

Description of paintings etc.

- **Art History**- Study of art movements, artists and their contribution to the art world
- **Technique and Medium**- Exploring various painting techniques such as water colour, acrylics and mixed media etc.

Themes and styles critique, art appreciation etc.

Learning outcomes –

- **Skill Development**- Students should acquire proficiency in various painting techniques and mediums.
 - **Artistic Expression**- They should be able to express their ideas, emotions and creativity through their artwork. Students learn other than this critical thinking, art knowledge etc.
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HINDI CORE

आरोह -(गद्य खंड) पाठ 1 से पाठ 10 तक

(पद्य खंड) पाठ १ कबीरदास से आओ मिलकर बचाएं तक ।वितान - पाठ १- ३तक । अभिव्यक्ति और माध्यम - जनसंचार माध्यम से पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया तक । ईश्वर की सर्व व्यापकता जीवन में कला का महत्व , परिश्रम की महत्ता , वास्तविकता में भारतवर्ष , भारतीय गायिकाओं में लता मंगेशकर , जल की महत्ता तथा विभिन्न प्रकार के माध्यमों से अपनी बात दूसरों तक पहुंचाने एवं लेखन की प्रक्रिया के बारे में सभी छात्र भली भांति समझेंगे।

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HISTORY

Chapter - Writing and City Life.

Chapter - An Empire Across Three Continents.

Chapter - Nomadic Empire.

Chapter - The Three Orders.

Chapter - Changing Cultural Traditions

Chapter - Displacing Indigenous peoples

Chapter - Path to Modernisation

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POLITICAL SCIENCE

BOOK: 1st

- Chapter: Constitution why and how**
- Chapter: Rights in the Indian Constitution**
- Chapter: election and representation**
- Chapter: Executive**
- Chapter: Legislature**
- Chapter: judiciary**
- Chapter: Federalism**
- Chapter: local government**

BOOK: 2nd

- Chapter: Political theory: An introduction**
 - Chapter: Freedom**
 - Chapter: Equality**
 - Chapter: Social justice**
 - Chapter: Rights**
 - Chapter: Citizenship**
 - Chapter: Nationalism**
 - Chapter: Secularism**
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GEOGRAPHY

Book: India: Physical Environment.

1 India - Location

Learning Outcomes :

At the completion of this unit students will be able to: Explain the meaning geography as an integrating discipline. State the fields of geography and its relation with other disciplines. Explain the approaches to study geography

2. Structure and Physiography

Learning Outcomes :

Explain the evolution of various geological structures in different parts of the country. Describe major physiographic divisions and the processes of their formation.

3. Drainage System

Learning Outcomes :

Understand the major drainage systems of India. Analyse the causes of river water pollution. Differentiate between Himalayan and Peninsular rivers.

4.. Climate

Learning Outcomes :

Discuss the factors affecting climate of the country and its effect on country's economic life. Understand the annual cycle of four main seasons in India. Able to realise the causes and problems of climate changes. Able to understand the concept of Global Warming.

5. Natural Vegetation

Learning Outcomes :

The students will be able to recognise the importance of forest cover in the country and its spatial distribution. They will learn about number of species of plants and animals in India. They will appreciate the efforts in conservation of forests and wild life.

6. Natural Hazards and Disasters

Learning Outcomes :

Classifies different types of hazards and disasters. Describes causes effects and mitigation policy for various natural disasters.

Book :Fundamentals of Physical Geography.

1. The Origin and Evolution of the Earth

Learning Outcomes :

Describe the Big Bang, Planetesimal theory, Nebular Hypothesis related to the origin of the universe.

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2. Interior of the Earth.

Learning Outcomes :

Describe direct and indirect sources of information about the interior of the earth. Discuss Earthquakes—its causes and effects, define: Epicentre, Hypocentre, Earthquake waves and its propagation, Shadow zones, Measuring the intensity of Earthquakes. Explain the interior structure of the earth. Explain Volcanoes, its types and volcanic landforms.

3. Distribution of Oceans and Continents

Learning Outcomes :

Provide evidences in support of continental drift and force for drifting. Explain Post drift studies, Convectional current theory, Mapping of the ocean floor, Ocean floor configuration, Concept of sea-floor spreading, Describe theory of plate tectonics and different types of plate boundaries. Trace the movements of Indian Plate.

4. Composition and Structure of Atmosphere

Learning Outcomes :

Describe the composition and characteristics of different layers of atmosphere

5. Solar Radiation, Heat balance and Temperature

Learning Outcomes :

Differentiate between solar radiation and terrestrial radiation. Give reasons for variability of insolation at the surface of the earth. Explain the heat budget of the planet earth. Describe factors controlling temperature distribution. Explain inversion of temperature.

6. Water in the Atmosphere.

Learning Outcomes :

Explain the process of precipitation and its different forms. Analyse the variation in the distribution of rainfall in the world.

7. Movement of Ocean Water

Learning Outcomes :

Analyse the economic significance of tides. Describe ocean currents and the forces that influence them. Distinguish between cold and warm ocean currents.

8. Biodiversity and Conservation.

Learning Outcomes :

Describe the characteristic features of the biosphere. Define ecology and related terms and explain the need for ecological balance. Recognize the abiotic and biotic factors of the ecosystem. To compare and contrast the features of five major biomes of the world – forest, grassland, desert, aquatic, and altitudinal

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9. Minerals and rocks

Learning Outcomes :

To understand the nature of different erosional and depositional agents and landforms made by them.

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ECONOMICS

Part A Statistics

Unit 1: Introduction What is Economics?

Learning outcomes: Meaning, scope, functions and importance of statistics in Economics

Unit 2: Collection, Organisation and Presentation of data

Learning outcomes: Collection of data - sources of data - primary and secondary; how basic data is collected with concepts of Sampling; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organisation.

Unit 3: Statistical Tools and Interpretation

Learning outcomes: Measures of Central Tendency- Arithmetic mean, median and mode

Unit 3: Statistical Tools and Interpretation

Learning outcomes: Measures of Dispersion - absolute dispersion standard deviation); relative dispersion coefficients of variation)

Correlation – meaning and properties, scatter diagram; Measures of correlation - Karl

Pearson's method

Part B: Introductory Microeconomics

Unit 1: Introduction

Learning outcomes: Meaning of microeconomics and macroeconomics; positive and normative economics ,What is an economy? Central problems of an economy: what, how and for whom to produce; opportunity cost.

Unit 2: Consumer's Equilibrium and Demand

Learning outcomes : Consumer's equilibrium - meaning of utility, marginal utility, law of diminishing marginal

utility, conditions of consumer's equilibrium using marginal utility analysis.

Indifference curve analysis of consumer's equilibrium-the consumer's budget (budget set and budget line), preferences of the consumer (indifference curve)

Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand; measurement of price elasticity of demand – percentage-change method

Unit 3: Producer Behaviour and Supply

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Learning outcomes: Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product. Returns to a Factor

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. Revenue - total, average and marginal revenue - meaning and their relationship.

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.

Unit 4: Forms of Market and Price Determination under Perfect Competition with simple applications

.learning outcomes Perfect competition - Features; Determination of market equilibrium and effects of shifts in demand and supply.

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SOCIOLOGY

1-Sociology and society

Learning Outcomes -To familiarise the students with society,its structure, pattern and behaviour.Some social phenomenon-poverty, inequalities.Origin and development of sociology as an independent subject,its scope and relation to other subjects.

2-Terms and concepts used in sociology

Learning Outcomes-To develop understanding of different social groups within society.stratification,caste,class-meaning and interrelation.Social control-meaning,types and its effects

3-Understanding social institutions

Learning Outcomes-To familiarise the students about characteristics of social institutions-Family-Types,changes.

Marriage-Exogamy,Endogamy,monogamy,polygamy

Politics, Religion and Education-their importance and relation.

4-Culture and socialization

Learning Outcomes-To familiarise the students with meaning of culture,its dimensions.cultural identity and cultural change

Meaning of socialization and its agencies-family, school, friend circle and media.

5-Social change and social order in rural and urban society

Learning Outcomes -To familiarise the students with factors of social changes.types of social changes.meaning of social order.Social change and social order in rural and urban society.

6-Introducing the western sociologists

Learning outcomes-To familiarise the students with western sociologists-Karl Marx,Emile Durkhaime,Max Weber-Biography and their contribution.

7-Indian sociologists

Learning outcomes-To familiarise the students with renowned Indian sociologists-G.S.Ghurye,D.P.Mukharji,A.R.Desai and M.N.Srinivas-Biography and their Contribution.

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PHYSICS

Chapter Name	Learning Outcome
Chapter 1 – Units and Measurement	Student will able to understand concept of measurement, unit ,significant figure, round off and technique of measurement
Chapter 2 – Motion in a Straight Line	Student will able to understand motion in straight line ,parameter of motion and its related graph (xt graf , vt graf)
Chapter 3 – Motion in a Plane	Student will able to understand concept of motion in plane ,projectile motion, vector ,vector addition ,multiplication, cross product, dot product
Chapter 4 – Laws of Motion	Student will able to understand Newton's Law of Motion and its application in daily life , friction
Chapter 5 – Work, Energy and Power	Student will able to understand concept of work energy and power ,collision, law of conservation of energy
Chapter 6 – Systems of Particles and Rotational Motion	Student will able to understand concept of bodies , system of particles ,rotational motion ,moment of inertia
Chapter 7 – Gravitation	Student will able to understand concept of gravitational force ,Kepler's law of planetary motion, geostationary satellite
Chapter 8 – Mechanical Properties of Solids	Student will able to understand mechanics of solid it's construction ,elastic and plastic bodies, elastic constant
Chapter 9 – Mechanical Properties of Fluids	Student will able to understand the concept of Fluids, Bernoulli's theorem, Pascal's law ,terminal velocity ,type of flow, stoke's theorem, viscosity
Chapter 10 – Thermal Properties of Matter	Student will able to understand how matter changes its behaviour with temperature, concept of specific heat and latent heat
Chapter 11 – Thermodynamics	Student will able to understand how heat energy flows, internal energy, work done, first law of thermodynamics, second law of thermodynamics, different thermodynamical process
Chapter 12 – Kinetic Theory	Student will able to understand how gas exert pressure on wall of container ,ideal gas equation ,Charles law ,Boyel law ,degree of freedom, mean free path
Chapter 13 – Oscillations	Student will able to understand how a particle oscillate, expression of time period of simple pendulum ,loaded spring
Chapter 14 – Waves	Student will able to understand concept of wave propagation, speed of transverse and longitudinal wave , stationary wave , progressive wave and beads

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CHEMISTRY

Chapter 1: Some Basic Concepts of Chemistry

Learning Outcomes: Understand the fundamental concepts of chemistry such as elements, compounds, and mixtures.

Skill Set: Analyzing chemical equations, performing basic calculations, and balancing chemical reactions.

Chapter 2: Structure of Atom

Learning Outcome: Gain knowledge of atomic structure, electron configuration, and the periodic table.

Skill Set: Drawing atomic models, predicting electron distribution, and understanding periodic trends.

Chapter 3: Classification of Elements and Periodicity in Properties

Learning Outcome: Explore the periodic table, its trends, and classification of elements.

Skill Set: Identifying trends in atomic and physical properties of elements.

Chapter 4: Chemical Bonding and Molecular Structure

Learning Outcome: Understand different types of chemical bonds and molecular shapes.

Skill Set: Drawing Lewis structures, predicting bond angles, and explaining bonding theories.

Chapter 5: Redox Reactions

Learning Outcome: Exploring oxidation-reduction reactions and their applications

Skill set: Finding Redox Reactions, Oxidation number and Balancing redox reactions

Chapter 6: Organic Chemistry: Some basic principles and techniques

Learning Outcome: Introduction to basic organic chemistry, including nomenclature, structures

Skill set: Nomenclature IUPAC, Inductive effect, Resonance effect, Electrometric effect, Reaction mechanism

Chapter 7: Hydrocarbons

Learning Outcome: Reactions of hydrocarbons and functional groups. Alkanes, Alkenes, Alkynes and Arenes

Skill set: Reactions of Alkanes, Alkenes, Alkynes and Arenes.

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BIOLOGY

Unit-I The living World

- Identify and classify different forms of life, including plants, animals, and microorganisms.
- Comprehend the concept of biodiversity and its significance in the ecosystem

Unit-II Structural Organisation of Plants and Animals

- Learn about the hierarchical classification of living organisms.
- Understand the principles of classification and the role of taxonomy in organizing diversity.

Unit-III Cell- Structure and functions

- Investigate the structure of plant and animal cells, including organelles like nucleus, mitochondria, and endoplasmic reticulum.
- Explore the significance of cellular communication and cell signals.

Unit-IV Plants Physiology

- Understand the process of photosynthesis and its importance in plants.
- Explore the mechanisms of respiration in plants and the exchange of gases and Phytohormones.

Unit-V Human Physiology

- Explore the Breathing, Circulatory, Excretory and Nervous system, including the structure and function.
 - Study Locomotion, muscle contraction and endocrine System
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PHYSICAL EDUCATION

1. Changing Trends and Career in Physical Education

- Explore and comprehend the current trends in physical education and sports.
- Investigate various career opportunities in the field of physical education and sports.

2. Olympism

- Understand the core values of Olympism, including excellence, friendship, and respect.
- Explore the role of Olympism in promoting international understanding and peace.

3. Yoga

- Develop proficiency in performing various yoga asanas and sequences.
- Explore the holistic benefits of yoga for physical, mental, and emotional well-being.

4. Physical Education & Sports for CWSN (Children with Special Needs)

- Learn strategies for adapting physical education programs to meet the needs of children with special needs.
- Explore methods to enhance motor skill development for children with diverse abilities.

5. Physical Fitness, Health, and Wellness

- Understand the components of physical fitness and methods of assessment.
- Develop strategies for promoting a holistic approach to wellness through physical education.

6. Test, Measurement, and Evaluation

- Learn various techniques for assessing physical fitness, skills, and knowledge in sports.
- Implement effective evaluation strategies to inform instructional decisions in physical education.

7. Fundamentals of Anatomy and Physiology in Sports

- Identify and understand the major anatomical structures relevant to sports performance.
- Understand how training influences physiological adaptations for enhanced performance.

8. Fundamentals of Kinesiology and Biomechanics in Sports

- Understand the basic principles of biomechanics and their application in sports.
- Apply knowledge of kinesiology to enhance performance and prevent injuries.

9. Psychology in Sports

- Understand the role of goal-setting, imagery, and self-talk in enhancing athletic performance.
- Develop strategies for fostering a positive and cohesive team environment.

10. Training and Doping in Sports

- Design effective training programs to optimize athletic performance.
- Explore the ethical and health implications of doping in sports.

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ACCOUNTANCY

Chapter's name	Topic name & learning objectives
Chapter 1 introduction to accounting	Students must be able to understand the meaning of accounting , its characteristics, branches of accounting, objectives of accounting, its function limitations
Chapter 2 basic accounting term	Students must be able to understand the meaning important accounting terms
Chapter 3 theory based accounting	Students will be able to understand fundamental accounting assumption students will be able to understand the accounting principles and its use
Chapter 5 accounting equation	Students will be able to understand the effect transaction on accounting equation
Chapter 8 journal	Students will be able to journalize the accounting transaction as per the use of debit and credit
Chapter 9 ledger	Students will be able to understand the effect transaction on accounting equation
Chapter 10 & 11 special purpose books i & ii	Students will be able to understand the meaning & preparation of subsidiary books , like cash books (cash books single column and double column cash books), petty cash book , purchase book , sales books , purchase return book , sales return books & journal proper
Chapter 12 accounting of goods and services tax (gst)	Students will be able to calculate and journalize the gst (cgst , sgst and igst)
Chapter 13 bank reconciliation statement	Students will be able to understand about the transaction which causes the errors and ways to rectify such errors.
Chapter 14 trial balance	Students will be able to understand the meaning and use of trial balance and they must be able the rectify the and prepare the trial balance.
Chapter 15 depreciation	Students will be able to understand the meaning of depreciation , method of depreciation and they will able the prepare the depreciation account by using the different method
Chapter 16 provision and reserve	Students will be able to understand the meaning of provision reserve and its use
Chapter 17 rectification of errors	Students will be able to understand the types of error and they will be able to rectify the transaction.
Chapter 19 adjustment in preparation of the financial statement	Students will be able to understand the trading account , profit and loss ccount and balance sheet and will be able to prepare the final accounts by using the multiple adjustment
Chapter 20 accounting for incomplete records	Students will be able to calculate the opening capital , closing capital and profit and loss

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BUSINESS STUDIES

Unit	Learning Objectives
Chapter 1 - Nature and purpose of business	Learn about the different concepts and nature of business environment
Chapter 2 - Forms of business organization	Learn about different types of firms
Chapter 3 - Public , Private and Global Enterprises	Learning about the different types of business services to be provided by the business firms
Chapter 4 - Business Services	Learn about the different modes of business and what are the different types of social responsibilities of a business man towards his business issues
Chapter 5 - Emerging Modes of Business	
Chapter 6 - : Social Responsibility of Business and Business Ethics	Learning about the concept of finance and how to deal with the finance and knowing about the different sources of finance
Chapter 7 - Sources of business finance	Learning about the concept of internal as well as external trade with connecting to the concept of international business.
Chapter 8 – Small business	
Chapter 9 – Internal Trade	
Chapter 10 – International Business	

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INFORMATICS PRACTICES (NEW)

S. No.	Unit Name	Learning Objectives
1.	Unit 1: Introduction to computer system	Understand the evolution, components, and basic architecture of computer systems. Differentiate between primary and secondary memory and comprehend data security concerns. Classify and appreciate the roles of different types of software in computing.
2.	Unit 2: Introduction to Python	Grasp foundational concepts of Python programming, including its structure and execution modes. Work effectively with Python data types, operators, and control structures.
3.	Unit 3: Database concepts and the Structured Query Language	Understand database concepts and Relational Database Management Systems. Retrieve and manipulate data in RDBMS using Structured Query Language
4.	Unit 4: Introduction to Emerging Trends	Gain foundational knowledge of advanced technologies like AI, ML, and NLP. Explore and understand the principles and applications of AR, VR, and IoT. Recognize the importance and characteristics of Big Data and comprehend modern computing paradigms like Cloud Computing and Blockchain technology.

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COMPUTER SCIENCE (NEW)

Unit	Learning Outcome
Unit I: Computer Systems and Organisation	students to acquire a comprehensive understanding of the fundamental principles and organizational structures of computer systems
Unit II: Computational Thinking and Programming - I	Students to develop a solid foundation in computational thinking and programming skills, empowering them to solve problems systematically, design algorithms, and implement solutions through introductory programming concepts.
Unit III: Society, Law and Ethics	students to develop a nuanced understanding of the interplay between societal values, legal frameworks, and ethical considerations, equipping them to analyze and navigate complex issues at the intersection of these domains.

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ENTREPRENEURSHIP

Unit	Learning Objectives
Chapter 1 - Entrepreneurship Concept and function	Learning about the different concept and functions of entrepreneurship
Chapter 2 - An Entrepreneur	Learning about the entrepreneur and knowing about the different types of entrepreneur
Chapter 3 - Entrepreneurial Journey	Learning about the entrepreneur journey and the whole concept an entrepreneur that how the innovations are been done and what are the various and dynamic ways which we can use as an entrepreneur in our business
Chapter 4 - Entrepreneurship as Innovation and Problem Solving	
Chapter 5 - Understanding the market	Understanding and leaning the concept of market and how to deal with it and how to use the resources as per our needs and wants
Chapter 7 – Resource mobilization	

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LEGAL STUDIES

UNITS	CHAPTERS	LEARNING OBJECTIVES
Unit 1 Introduction to Political Institutions	Chapter 1 Concept of State	Students will be able to the meaning of the state, government and its type , elements of the state , emergence of the state from society , theories on the origin of state , role of a state
	Chapter 2 Forms and Organs of Government	Students will be able to understand the introduction to the organs of government, forms of government, monarchy, aristocracy, dictatorship, democracy, main organs of government and its functions, general functions of legislature, executive and judiciary as organ of government
	Chapter 3 Separation of Powers	Students will be able to understand the concept of separation of powers ,historical background and evolution of montesquieu’s doctrine of separation of powers, montesquieu’s doctrine of separation of powers, basic features of the doctrine of separation of powers as enunciated by montesquieu, checks and balances of power, impact of the doctrine, evaluation of the doctrine of separation of powers, key benefits and advantages of the doctrine of separation of powers, defects of the doctrine, separation of powers in practice in different countries
Unit 2 Basic features of the Constitution of India	Chapter 1 Salient Features of the Constitution of India	Students will be able to understand the meaning & definition of the term constitution and its historical perspective. They will be able to understand the salient features of the constitution of india
	Chapter 2 Administrative law	Students will be able to understand the administrative law and constitutional law: key differences, reasons for growth, development and study of administrative law, types of administrative actions, fundamental principle of administrative law: rule of law, droit system
Unit 3 Jurisprudence, Nature and Sources of Law	Chapter 1 Jurisprudence, Nature and Meaning of Law	Students will be able to understand jurisprudence , its historical perspective, schools of law &function and purpose of law
	Chapter 2 Classification of Laws	Students will be able to understand the classification of law based on subject matter, classification of law based on scope of law & classification of law based on jurisdiction
	Chapter 3 Sources of Laws	Students will be able to understand the source of law ,its importance of custom as a source of law in India , judicial precedent as a source of law & legislation as a source of law
	Chapter 4 Law Reform	Students will be able to understand the law reforms in India, need for law reform & recent law reforms in independent India
	Chapter 5 Cyber Laws, Safety and Security in India	Students will be able to understand cyber law, need cyber laws, Cyber safety and security, meaning of cyber-crime, categories of cyber-crime, cyber law in india, scope or

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		extent of the information technology act, 2000(it act)& about the section 66a it act, 2000.
Unit 4 Judiciary	Judiciary: Constitutional, Civil and Criminal Courts and Processes Judiciary: Constitutional, Civil and Criminal Courts and Processes	Students will be able to establishment of the supreme court and high courts, roles and impartiality, the civil court structure, structure and functioning of criminal courts in India & other courts in India
Unit 5 Family Justice System	Chapter 1 Institutional Framework Marriage and Divorce	Students will be able to understand the nature of family laws in India, human rights and gender perspective, institutional, framework- family courts, role of women in the creation of family courts, role of lawyers and counselors in family courts, role of counselors and gender issues & marriage and divorce
	Chapter 2 Child Rights	Students will be able to child rights ,child labour , sexual abuse & juvenile justice
	Chapter 3 Adoption	Students will be able to understand the adoption of child & minor custody and guardianship
	Chapter 4 Property, Succession and Inheritance	Students will be able to understand the concept of property: joint family property and separate property, inheritance and succession, intestate succession, rules relating to intestate succession & testamentary succession
	Chapter 5 Prevention of Violence against Women	Students will be able to domestic abuse / violence, international legal framework & laws in india on prevention of violence against women

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BANKING

UNIT 1 DEFINITION AND FUNCTIONS OF BANKING AND INDIAN BANKING SYSTEM

Learning outcomes : Definition of Banking, Banking System in India , Reserve Bank of India , Summary

UNIT 2 BANKER & CUSTOMER

Relationship between Banker and Customer

Learning outcomes: Special Types of Customers ,Retail and Wholesale Banking ,Deposit Accounts , Opening and Operations of Accounts, Nomination , KYC Requirements , Pass Book , Minors , Partnerships & Companies

UNIT 3 EMPLOYMENT OF BANK FUNDS

Learning outcomes: Liquid Assets-Cash in Hand, Cash with RBI & Cash with other Banks ,Investment in Securities , Advances - Secured and Unsecured ,Loans, Term Loans ,Cash Credit , Overdrafts ,Purchase and Discounting of Bills , Modes of creating charge on securities ,Types of Security

UNIT 4 LAWS RELATING TO NEGOTIABLE INSTRUMENTS

Learning outcomes: Definition & Characteristics of Cheques ,Bills of Exchanges & Promissory Notes ,Crossings ,Endorsement ,Dishonour, Noting & Protesting of BE , Liabilities of Parties

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FMM

Chapter - 1 markets and financial instruments

What is depository

What is regulator

Participants debt market

Chapter 2nd - primary and secondary market

What is primary market ,issue of price ,ipo,what is prospectur, sebi role ,foreign capital issuance ,stock exchange stock trading equity investment debt investment

Corporate action index and settlement ,bookclosure date , record date ,

Sebi scores,

Chapter 3 - simple intrest , compound intrest ,

Chapter 4 , - mutual funds products and features - mutual fund structure in India , what is custodian what is an nfo , role of registrar , investor right and obligation category wise funds, index fund , mid cap fund

Chapter - 5 Etf, debt and liquid funds - introduction to exchange traded funds, why gold etf soveigin gold bonds, credit risk , intrest rate risk ,gilt funds , balance funds , floating rate scheme,

Chapter 6 - taxation and Regulations -

Capital gains taxation , why fmps are popular advantage of mutual funds , what is SIP

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MUSIC

- 1-Swar, shruti, saptak, thaat, jaati ,laya taal, deshi_margi sangit, raag
 - 2-Brief history of the following dhrupad, khyal and tarana..
 - 3-Musical elements in natya shastra..
 - 4-Life sketch and contribution of Tansen, V. N. Bhatkhande and V. D.paluekar..
 - 5-Taals along with taal notation with thah, dugun, chaugun__
Teentaal
Ektaal
Chaartaal.
 - 6-Knowledge of the structure of Tanpura.
 - 7-Raags along with recognizing Ragas from phrases of Swaras.
 - 8-Writing in notation the composition of prescribed Ragas...
Bihag raag
Bhimplasi
Bhairavi.
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ARTIFICIAL INTELLIGENCE

Unit	Learning Outcomes
Part A:	
Unit 1: Communication Skills	Develop advanced verbal and written communication techniques for effective interactions.
Unit 2: Self Management Skills	Understand the skills to manage and express their emotions, thoughts, impulses and stress in effective ways.
Unit 3: ICT Skills	Provides a broad perspective on the nature of technology, how to use and apply a variety of technologies, and the impact of ICT on self and society.
Unit 4: Entrepreneur Skills	Develop the required skills and gain knowledge for running and managing a new business.
Unit 5: Green Skills	Create awareness and willingness to learn about sustainable development as well as green economy.
Part B:	
Unit 1: Introduction to Artificial Intelligence	Understand the concept of Artificial Intelligence (AI) and Machine Learning(ML) and domains of AI. Use of of AI in real Life and the ethical concerns involved in AI
Unit 2: AI Applications and Methodologies	Know where AI can be applied (like in the field of Computer vision, Speech, Text, etc.) Understand the concept of deep learning.
Unit 4: AI Values (Ethical decision making, Bias awareness, values)	Use of of AI in real Life and the ethical concerns involved in AI Know What are Ethics & Bias and impacts of bias on society
Unit 5: Introduction to Storytelling	Helping in understand story telling with data, helping in creating blogs, videos and other content.
Unit 7: Data Analysis	Understand data and its handling and representing data in terms of graphs, statistical models.
Unit 8: Regression	Being able to relate data with regression and correlation.
Unit 9: Classification and Clustering	Understand classification and its types, clustering and what kind of problem may be placed under which category.