

Prescribed Books

1. Hornbill: English Reader published by National Council of Education Research and Training, New Delhi

- The Portrait of a Lady (Prose)
- A Photograph (Poem)
- “We’re Not Afraid to Die... if We Can Be Together
- Discovering Tut: The Saga Continues
- The Laburnum Top (Poem)
- The Voice of the Rain (Poem)
- Childhood (Poem)
- The Adventure
- Silk Road (Prose)
- Father to Son

2. Snapshots: Supplementary Reader published by National Council of Education Research and Training, New Delhi

- The Summer of the Beautiful White Horse (Prose)
- The Address (Prose)
- Mother’s Day (Play)
- Birth (Prose)
- The Tale of Melon City

INTERNAL ASSESSMENT

Assessment of Listening Skills	- 05 marks.
Assessment of Speaking Skills	- 05 Marks
Project Work	- 10 Marks

ENGLISH CORE
QUESTION PAPER DESIGN
Class-XI (2026-27)

Section	Competencies	Total marks
Reading Skills	Conceptual understanding, decoding, Analyzing, inferring, interpreting, appreciating, literary, conventions and vocabulary, summarizing and using appropriate format/s.	26
Grammar and Creative Writing Skills	Conceptual Understanding, application of rules, Analysis, Reasoning, appropriate style and tone, using appropriate format and fluency, inference, analysis, evaluation and creativity.	23
Literature Text Book and Supplementary Reading Text	Recalling, reasoning, appreciating literary convention, inference, analysis, creativity with fluency, Critical Thinking.	31
	TOTAL	80
Internal Assessment	Assessment of Listening and Speaking Skills	10
	• Listening • Speaking	5+5
	• Project Work	10
	GRAND TOTAL	100

Prescribed Books

1. **Flamingo:** English Reader published by National Council of Education Research and Training, New Delhi

Prose

- The Last Lesson
- Lost Spring
- Deep Water
- The Rattrap
- Indigo
- Poets and Pancakes
- The Interview
- Going Places

Poetry

- My Mother at Sixty-Six
- Keeping Quiet
- A Thing of Beauty
- A Roadside Stand
- Aunt Jennifer's Tigers

2. **Vistas:** Supplementary Reader published by National Council of Education Research and Training, New Delhi

- The Third Level
- The Tiger King
- Journey to the End of the Earth
- The Enemy
- On the Face of It
- Memories of Childhood
 - The Cutting of My Long Hair
 - We Too are Human Beings

INTERNAL ASSESSMENT

Assessment of Listening Skills	- 05 marks.
Assessment of Speaking Skills	- 05 Marks
Project Work	- 10 Marks

ENGLISH CORE
QUESTION PAPER DESIGN
Class-XII (2026-27)

Section	Competencies	Total marks
Reading Skills	Conceptual understanding, decoding, Analyzing, inferring, interpreting, appreciating, literary, conventions and vocabulary, summarizing and using appropriate format/s.	22
Creative Writing Skills	Conceptual Understanding, application of rules, Analysis, Reasoning, appropriate style and tone, using appropriate format and fluency, inference, analysis, evaluation and creativity.	18
Literature Text Book and Supplementary Reading Text	Recalling, reasoning, critical thinking, appreciating literary convention, inference, analysis, creativity with fluency.	40
	TOTAL	80
Internal Assessment	Assessment of Listening and Speaking Skills	10
	• Listening • Speaking	5+5
	• Project Work	10
	GRAND TOTAL	100

Suggested Question Paper Design
Accountancy (Subject Code 055)

Theory: 80 Marks
Project: 20 Marks

Class XI (2026-2027)

3 hrs.

S N	Typology of Questions	Marks	Percentage
1	Remembering and Understanding: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas	32	40%
3	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	24	30%
4	Analysing, Evaluating and Creating: Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.	24	30%
	TOTAL	80	100%

Accountancy (Subject Code 055)

Class-XII (2026-27)

Theory: 80 Marks

3 Hours

Project: 20 Marks

Units			Marks
Part A	Accounting for Partnership Firms and Companies		
	Unit 1. Accounting for Partnership Firms		36
	Unit 2. Accounting for Companies		24
			60
Part B	Financial Statement Analysis		
	Unit 3. Analysis of Financial Statements		12
	Unit 4. Cash Flow Statement		8
			20
Part C	Project Work		20
	Project work will include:		
	Project File	12 Marks	
	Viva Voce	8 Marks	
Or			
Part B	Computerized Accounting		
	Unit 4. Computerized Accounting		20
Part C	Practical Work		20
	Practical work will include:		
	Practical File 12 Marks		
	Viva Voce 8 Marks		

ECONOMICS (Subject Code 030)

Class - XI (2026-27)

Theory: 80 Marks

3 Hours

Project: 20 Marks

Units		Marks
Part A	Statistics for Economics	
	Introduction	15
	Collection, Organisation and Presentation of Data	
	Statistical Tools and Interpretation	25
		40
Part B	Introductory Microeconomics	
	Introduction	04
	Consumer's Equilibrium and Demand	14
	Producer Behaviour and Supply	14
	Forms of Market and Price Determination under perfect competition with simple applications	08
		40
Part C	Project Work	20

Part A: Statistics for Economics

In this course, the learners are expected to acquire skills in collection, organisation and presentation of quantitative and qualitative information pertaining to various simple economic aspects systematically. It also intends to provide some basic statistical tools to analyse, and interpret any economic information and draw appropriate inferences. In this process, the learners are also expected to understand the behaviour of various economic data.

Unit 1: Introduction

What is Economics?

Meaning, scope, functions and importance of statistics in Economics

Unit 2: Collection, Organisation and Presentation of data

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.

Organisation of Data: Meaning and types of variables; Frequency Distribution.

Presentation of Data: Tabular Presentation and Diagrammatic Presentation of Data:
(i) Geometric forms (bar diagrams and pie diagrams), (ii) Frequency diagrams (histogram, polygon and Ogive) and (iii) Arithmetic line graphs (time series graph).

Unit 3: Statistical Tools and Interpretation

For all the numerical problems and solutions, the appropriate economic interpretation may be attempted. This means, the students need to solve the problems and provide interpretation for the results derived.

Measures of Central Tendency- Arithmetic mean, Median and Mode

Correlation – meaning and properties, scatter diagram; measures of correlation - Karl Pearson's method (two variables ungrouped data) Spearman's rank correlation (Non-Repeated Ranks and Repeated Ranks).

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, Simple Aggregative Method.

Part B: Introductory Microeconomics

Unit 4: Introduction

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; concepts of Production Possibility Frontier and Opportunity Cost.

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.

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.

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 and total expenditure method.

Unit 6: Producer Behaviour and Supply

Meaning of 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 Revenue, Average Revenue and Marginal Revenue - meaning and their relationship.

Producer's Equilibrium - meaning and its conditions in terms of Marginal Revenue-Marginal Cost.

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 7: Perfect Competition - Price Determination and simple applications.

Perfect competition - Features; Determination of market equilibrium and effects of shifts in demand and supply. (Short Run Only)

Simple Applications of Demand and Supply: Price ceiling, Price floor.

Part C: Project in Economics

Guidelines as given in Class XII curriculum

Suggested Question Paper Design
Economics (Subject Code 030)
Class XI (2026-27)
March 2026 Examination

Marks: 80

Duration: 3 hrs.

SN	Typology of Questions	Marks	Percentage
1	Remembering and Understanding: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas	32	40%
2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	24	30%
3	Analysing, Evaluating and Creating: Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.	24	30%
	Total	80	100%

ECONOMICS (Subject Code 030)

Class - XII (2026-27)

Theory: 80 Marks

3 Hours

Project: 20 Marks

Units		Marks
Part A	Introductory Macroeconomics	
	National Income and Related Aggregates	10
	Money and Banking	06
	Determination of Income and Employment	12
	Government Budget and the Economy	06
	Balance of Payments	06
		40
Part B	Indian Economic Development	
	Development Experience (1947-90) and Economic Reforms since 1991	12
	Current Challenges facing Indian Economy	20
	Development Experience of India – A Comparison with Neighbours	08
	Theory Paper (40+40 = 80 Marks)	40
Part C	Project Work	20

Part A: Introductory Macroeconomics

Unit 1: National Income and Related Aggregates

What is Macroeconomics?

Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate goods; stocks and flows; gross investment and depreciation.

Circular flow of income (two sector model); Methods of calculating National Income - Value Added or Product method, Expenditure method, Income method.

Aggregates related to National Income:

Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost; Real and Nominal GDP

GDP Deflator, GDP and Welfare

Unit 2: Money and Banking

Money – meaning and functions, supply of money - Currency held by the public and net demand deposits held by commercial banks.

Money creation by the commercial banking system.

Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, Cash Reserve Ratio (CRR), Statutory Liquidity Ratio (SLR), Repo Rate and Reverse Repo Rate, Open Market Operations, Margin requirement.

Unit 3: Determination of Income and Employment

Aggregate demand and its components.

Propensity to consume and propensity to save (average and marginal).

Short-run equilibrium output; investment multiplier and its mechanism.

Meaning of full employment and involuntary unemployment.

Problems of excess demand and deficient demand; measures to correct them - changes in government spending, taxes and money supply.

Unit 4: Government Budget and the Economy

Government budget - meaning, objectives and components.

Classification of receipts - revenue receipts and capital receipts;

Classification of expenditure – revenue expenditure and capital expenditure.

Balanced, Surplus and Deficit Budget – measures of government deficit.

Unit 5: Balance of Payments

Balance of payments account - meaning and components;

Balance of payments – Surplus and Deficit

Foreign exchange rate - meaning of fixed and flexible rates and managed floating.

Determination of exchange rate in a free market, Merits and demerits of flexible and fixed exchange rate.

Managed Floating exchange rate system

Part B: Indian Economic Development

Unit 6: Development Experience (1947-90) and Economic Reforms since 1991:

A brief introduction of the state of Indian economy on the eve of independence.

Indian economic system and common goals of Five Year Plans.

Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade.

Economic Reforms since 1991:

Features and appraisals of liberalisation, globalisation and privatisation (LPG policy);

Concepts of demonetization and GST

Unit 7: Current challenges facing Indian Economy

Human Capital Formation: How people become resource; Role of human capital in economic development; Growth of Education Sector in India

Rural development: Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming

Employment: Growth and changes in work force participation rate in formal and informal sectors; problems and policies

Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming

Unit 8: Development Experience of India:

A comparison with neighbours

India and Pakistan

India and China

Issues: economic growth, population, sectoral development and other Human Development Indicators

Part C: Project in Economics

Prescribed Books:

1. Statistics for Economics, NCERT
2. Indian Economic Development, NCERT
3. Introductory Microeconomics, NCERT
4. Macroeconomics, NCERT
5. Supplementary Reading Material in Economics, CBSE

Note: The above publications are also available in Hindi Medium.

BUSINESS STUDIES (Subject Code 054)**Class-XI (2026-27)****Theory: 80 Marks****Project: 20 Marks****3 Hours**

Units		Marks
Part A	Foundations of Business	
1	Nature and Purpose of Business	16
2	Forms of Business Organisations	
3	Public, Private and Global Enterprises	14
4	Business Services	
5	Emerging Modes of Business	10
6	Social Responsibility of Business and Business Ethics	
	Total	40
Part B	Finance and Trade	
7	Sources of Business Finance	20
8	Small Business	
9	Internal Trade	20
10	International Business	
	Total	40
	Project Work (One)	20

Part A: Foundation of Business

Concept includes meaning and features

Unit 1: Evolution and Fundamentals of Business

Content	After going through this unit, the student/ learner would be able to:
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.

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 Joint venture Public private partnership – concept	Develop an understanding of global enterprises, public private partnership by studying their meaning and features.

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.
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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.

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.

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.

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

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.

Unit 11: Project Work

As per CBSE guidelines.

Business Studies (Subject Code 054)

Class-XII (2026-27)

Theory: 80 Marks

3 Hours

Project: 20 Marks

Units		Marks
Part A	Principles and Functions of Management	
1.	Nature and Significance of Management	16
2	Principles of Management	
3	Business Environment	
4	Planning	14
5	Organising	
6	Staffing	20
7	Directing	
8	Controlling	
	Total	50
Part B	Business Finance and Marketing	
9	Financial Management	15
10	Financial Markets	
11	Marketing Management	15
12	Consumer Protection	
	Total	30
Part C	Project Work (One)	20

Part A: Principles and Functions of Management

Unit 1: Nature and Significance of Management

Concept	After going through this unit, the student/ learner would be able to:
Management - concept, objectives, and importance	- Understand the concept of management. - Explain the meaning of 'Effectiveness and Efficiency. - Discuss the objectives of management. - Describe the importance of management.
Management as Science, Art and Profession	Examine the nature of management as a science, art and profession.
Levels of Management	Understand the role of top, middle and lower levels of management
Management functions-planning, organizing, staffing, directing and controlling	Explain the functions of management
Coordination- concept and importance	Discuss the concept and

	characteristics of coordination. • Explain the importance of coordination.
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Unit 2: Principles of Management

Principles of Management - concept and significance	• Understand the concept of principles of management. • Explain the significance of management principles.
Fayol's principles of management	• Discuss the principles of management developed by Fayol.
Taylor's Scientific management - principles and techniques	• Explain the principles and techniques of 'Scientific Management'. • Compare the contributions of Fayol and Taylor.

Unit 3: Business Environment

Business Environment- concept and importance	• Understand the concept of 'Business Environment'. • Describe the importance of business environment
Dimensions of Business Environment - Economic, Social, Technological, Political and Legal	• Describe the various dimensions of 'Business Environment'. • Understand the concept of demonetization
Demonetization - concept and features	

Unit 4: Planning

Planning: Concept, importance and limitation	• Understand the concept of planning. • Describe the importance of planning. • Understand the limitations of planning.
Planning process	• Describe the steps in the process of planning.
Single use and Standing Plans. Objectives, Strategy, Policy, Procedure, Method, Rule, Budget and Programme	• Develop an understanding of single use and standing plans • Describe objectives, policies, strategy, procedure, method, rule, budget and programme as types of plans.

Unit 5: Organising

Organising: Concept and importance	• Understand the concept of organizing as a structure and as a
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	process. • Explain the importance of organising.
Organising Process	• Describe the steps in the process of organizing
Structure of organisation- functional and divisional concept. Formal and informal organization - concept	• Describe functional and divisional structures of organisation. • Explain the advantages, disadvantages and suitability of functional and divisional structure. • Understand the concept of formal and informal organisation. • Discuss the advantages, disadvantages of formal and informal organisation.
Delegation: concept, elements and importance	• Understand the concept of delegation. • Describe the elements of delegation. • Appreciate the importance of Delegation.
Decentralization: concept and importance	• Understand the concept of decentralisation. • Explain the importance of decentralisation. • Differentiate between delegation and decentralisation.

Unit 6: Staffing

Staffing: Concept and importance of staffing	• Understand the concept of staffing. • Explain the importance of staffing
Staffing as a part of Human Resource Management concept	• Understand the specialized duties and activities performed by Human Resource Management
Staffing process	• Describe the steps in the process of staffing
Recruitment process	• Understand the meaning of recruitment. • Discuss the sources of recruitment. • Explain the merits and demerits of internal and external sources of recruitment.
Selection – process	• Understand the meaning of selection. • Describe the steps involved in the process of selection.
Training and Development - Concept and importance, Methods of training - on the	• Understand the concept of training and development.

job and off the job - vestibule training, apprenticeship training and internship training	• Appreciate the importance of training to the organisation and to the employees. • Discuss the meaning of induction training, vestibule training, apprenticeship training and internship training. • Differentiate between training and development. • Discuss on the job and off the job methods of training.
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Unit 7: Directing

Directing: Concept and importance	• Describe the concept of directing. • Discuss the importance of directing
Elements of Directing	• Describe the various elements of directing
Motivation - concept, Maslow's hierarchy of needs, Financial and non-financial incentives	• Understand the concept of motivation. • Develop an understanding of Maslow's Hierarchy of needs. • Discuss the various financial and non-financial incentives.
Leadership - concept, styles - authoritative, democratic and laissez faire	• Understand the concept of leadership. • Understand the various styles of leadership.
Communication - concept, formal and informal communication; barriers to effective communication, how to overcome the barriers?	• Understand the concept of communication • Understand the elements of the communication process. • Discuss the concept of formal and informal communication. • Discuss the various barriers to effective communication. • Suggest measures to overcome barriers to communication.

Unit 8: Controlling

Controlling - Concept and importance	• Understand the concept of controlling. • Explain the importance of controlling.
Relationship between planning and controlling	• Describe the relationship between planning and controlling
Steps in process of control	• Discuss the steps in the process of controlling.

Part B: Business Finance and Marketing

Unit 9: Financial Management

Financial Management: Concept, role and objectives	• Understand the concept of financial management. • Explain the role of financial management in an organisation. • Discuss the objectives of financial management
Financial decisions: investment, financing and dividend - Meaning and factors affecting	• Discuss the three financial decisions and the factors affecting them.
Financial Planning - concept and importance	• Describe the concept of financial planning and its objectives. • Explain the importance of financial planning.
Capital Structure – concept and factors affecting capital structure	• Understand the concept of capital structure. • Describe the factors determining the choice of an appropriate capital structure of a company.
Fixed and Working Capital - Concept and factors affecting their requirements	• Understand the concept of fixed and working capital. • Describe the factors determining the requirements of fixed and working capital.

Unit 10: Financial Markets

Financial Markets: Concept	• Understand the concept of financial market.
Money Market: Concept	• Understand the concept of money market.
Capital market and its types (primary and secondary)	• Discuss the concept of capital market. • Explain primary and secondary markets as types of capital market. • Differentiate between capital market and money market. • Distinguish between primary and secondary markets.
Stock Exchange - Functions and trading procedure	• Give the meaning of a stock exchange. • Explain the functions of a stock exchange. • Discuss the trading procedure in a stock exchange.

	• Give the meaning of depository services and demat account as used in the trading procedure of securities.
Securities and Exchange Board of India (SEBI) - objectives and functions	• State the objectives of SEBI. • Explain the functions of SEBI.

Unit 11: Marketing

Marketing – Concept, functions and philosophies	• Understand the concept of marketing. • Explain the features of marketing. • Discuss the functions of marketing. • Explain the marketing philosophies.
Marketing Mix – Concept and elements	• Understand the concept of marketing mix. • Describe the elements of marketing mix.
Product – branding, labelling and packaging – Concept	• Understand the concept of product as an element of marketing mix. • Understand the concept of branding, labelling and packaging.
Price - Concept, Factors determining price	• Understand the concept of price as an element of marketing mix. • Describe the factors determining price of a product.
Physical Distribution – concept, components and channels of distribution	• Understand the concept of physical distribution. • Explain the components of physical distribution. • Describe the various channels of distribution.
Promotion – Concept and elements; Advertising, Personal Selling, Sales Promotion and Public Relations	• Understand the concept of promotion as an element of marketing mix. • Describe the elements of promotion mix. • Understand the concept of advertising. • Understand the concept of sales promotion. • Discuss the concept of public relations.

Unit 12: Consumer Protection

Consumer Protection: Concept and importance	• Understand the concept of consumer protection. • Describe the importance of
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	consumer protection. • Discuss the scope of Consumer Protection Act, 2019
The Consumer Protection Act, 2019: Source: http://egazette.nic.in/WriteReadData/2019/210422.pdf Meaning of consumer Rights and responsibilities of consumers Who can file a complaint? Redressal machinery Remedies available	• Understand the concept of a consumer according to the Consumer Protection Act, 2019. • Explain the consumer rights • Understand the responsibilities of consumers • Understand who can file a complaint and against whom? • Discuss the legal redressal machinery under Consumer Protection Act, 2019. • Examine the remedies available to the consumer under Consumer Protection Act, 2019.
Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs)	• Describe the role of consumer organizations and NGOs in protecting consumers' interests.

Unit 13: Project Work

It is expected that the students would get an exposure to various branches of Biology in the curriculum in a more contextual and systematic manner as they study its various units. (NCFSE-2023)

Attainment of the competencies shall be done through transaction of the curriculum using appropriate pedagogy; these shall be assessed through an integrated evaluation scheme.

COURSE STRUCTURE
CLASS XI (2026-27)
(THEORY)

Time: 03 Hours

Max. Marks: 70

Unit	Title	Marks
I	Diversity of Living Organisms	15
II	Structural Organization in Plants and Animals	10
III	Cell: Structure and Function	15
IV	Plant Physiology	12
V	Human Physiology	18
	Total	70

Unit-I Diversity of Living Organisms

Chapter-1: The Living World

Biodiversity; Need for classification; three domains of life; taxonomy and systematics; concept of species and taxonomical hierarchy; binomial nomenclature

Chapter-2: Biological Classification

Five kingdom classification; Salient features and classification of Monera, Protista and Fungi into major groups; Lichens, Viruses and Viroids.

Chapter-3: Plant Kingdom

Classification of plants into major groups; Salient and distinguishing features and a few examples of Algae, Bryophyta, Pteridophyta, Gymnospermae and Angiosperms.

Chapter-4: Animal Kingdom

Salient features and classification of animals, non-chordates up to phyla level and chordates upto class level (salient features and at a few examples of each category).

(No live animals or specimen should be displayed.)

Unit-II Structural Organization in Plants and Animals

Chapter-5: Morphology of Flowering Plants

Morphology of different parts of flowering plants: root, stem, leaf, inflorescence, flower, fruit and seed. Description of family Solanaceae

Chapter-6: Anatomy of Flowering Plants

Anatomy and functions of tissue systems in dicots and monocots.

Chapter-7: Structural Organisation in Animals

Morphology, Anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of frog.

Unit-III Cell: Structure and Function

Chapter-8: Cell-The Unit of Life

Cell theory and cell as the basic unit of life, structure of prokaryotic and eukaryotic cells; Plant cell and animal cell; cell envelope; cell membrane, cell wall; cell organelles - structure and function; endomembrane system, endoplasmic reticulum, golgi bodies, lysosomes, vacuoles, mitochondria, ribosomes, plastids, microbodies; cytoskeleton, cilia, flagella, centrioles (ultrastructure and function); nucleus.

Chapter-9: Biomolecules

Chemical constituents of living cells: biomolecules, structure and function of proteins, carbohydrates, lipids, and nucleic acids; Enzyme - types, properties, enzyme action. (Topics excluded: Nature of Bond Linking Monomers in a Polymer, Dynamic State of Body Constituents Concept of Metabolism, Metabolic Basis of Living, The Living State)

Chapter-10: Cell Cycle and Cell Division

Cell cycle, mitosis, meiosis and their significance

Unit-IV Plant Physiology

Chapter-11: Photosynthesis in Higher Plants

Photosynthesis as a means of autotrophic nutrition; site of photosynthesis, pigments involved in photosynthesis (elementary idea); photochemical and biosynthetic phases of photosynthesis; cyclic and non-cyclic photophosphorylation; chemiosmotic hypothesis; photorespiration; C₃ and C₄ pathways; factors affecting photosynthesis.

Chapter-12: Respiration in Plants

Exchange of gases; cellular respiration - glycolysis, fermentation (anaerobic), TCA cycle and electron transport system (aerobic); energy relations - number of ATP molecules generated; amphibolic pathways; respiratory quotient.

Chapter-13: Plant - Growth and Development

Seed germination; phases of plant growth and plant growth rate; conditions of growth; differentiation, dedifferentiation and redifferentiation; sequence of developmental processes in a plant cell; plant growth regulators - auxin, gibberellin, cytokinin, ethylene, ABA.

Unit-V Human Physiology

Chapter-14: Breathing and Exchange of Gases

Respiratory organs in animals (recall only); Respiratory system in humans; mechanism of breathing and its regulation in humans - exchange of gases, transport of gases and regulation of respiration, respiratory volume; disorders related to respiration - asthma, emphysema, occupational respiratory disorders.

Chapter-15: Body Fluids and Circulation

Composition of blood, blood groups, coagulation of blood; composition of lymph and its function; human circulatory system - Structure of human heart and blood vessels; cardiac cycle, cardiac output, ECG; double circulation; regulation of cardiac activity; disorders of circulatory system - hypertension, coronary artery disease, angina pectoris, heart failure.

Chapter-16: Excretory Products and their Elimination

Modes of excretion - ammonotelism, ureotelism, uricotelism; human excretory system – structure and function; urine formation, osmoregulation; regulation of kidney function - renin - angiotensin, atrial natriuretic factor, ADH and diabetes insipidus; role of other organs in excretion; disorders - uremia, renal failure, renal calculi, nephritis; dialysis and artificial kidney, kidney transplant.

Chapter-17: Locomotion and Movement

Types of movement - ciliary, flagellar, muscular; skeletal muscle, contractile proteins and muscle contraction; skeletal system and its functions; joints; disorders of muscular and skeletal systems - myasthenia gravis, tetany, muscular dystrophy, arthritis, osteoporosis, gout.

Chapter-18: Neural Control and Coordination

Neuron and nerves; Nervous system in humans - central nervous system; peripheral nervous system and visceral nervous system; generation and conduction of nerve impulse

Chapter- 19: Chemical Coordination and Integration

Endocrine glands and hormones; human endocrine system - hypothalamus, pituitary, pineal, thyroid, parathyroid, adrenal, pancreas, gonads; mechanism of hormone action (elementary idea); role of hormones as messengers and regulators, hypo - and hyperactivity and related disorders; dwarfism, acromegaly, cretinism, goiter, exophthalmic goitre, diabetes, Addison's disease.

COURSE STRUCTURE
CLASS XII (2026 - 27)
(THEORY)

Time: 03 Hours

Max. Marks: 70

Unit	Title	Marks
VI	Reproduction	16
VII	Genetics and Evolution	20
VIII	Biology and Human Welfare	12
IX	Biotechnology and its Applications	12
X	Ecology and Environment	10
	Total	70

Unit-VI Reproduction

Chapter-1: Sexual Reproduction in Flowering Plants

Flower structure; development of male and female gametophytes; pollination - types, agencies and examples; out breeding devices; pollen-pistil interaction; double fertilization; post fertilization events - development of endosperm and embryo, development of seed and formation of fruit; special modes- apomixis, parthenocarpy, polyembryony; Significance of seed dispersal and fruit formation.

Chapter-2: Human Reproduction

Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis -spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea).

Chapter-3: Reproductive Health

Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and assisted reproductive technologies - IVF, ZIFT, GIFT (elementary idea for general awareness).

Unit-VII Genetics and Evolution

Chapter-4: Principles of Inheritance and Variation

Heredity and variation: Mendelian inheritance; deviations from Mendelism – incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance; chromosome theory of inheritance; chromosomes and genes; Sex determination - in humans, birds and honey bee; linkage and crossing over; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans - thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.

Chapter-5: Molecular Basis of Inheritance

Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central Dogma; transcription, genetic code, translation; gene expression and regulation - lac operon; Genome, Human and rice genome projects; DNA fingerprinting.

Chapter-6: Evolution

Origin of life; biological evolution and evidences for biological evolution (paleontology, comparative anatomy, embryology and molecular evidences); Darwin's contribution, modern synthetic theory of evolution; mechanism of evolution - variation (mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift; Hardy- Weinberg's principle; adaptive radiation; human evolution.

Unit-VIII: Biology and Human Welfare

Chapter-7: Human Health and Diseases

Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse.

Chapter-8: Microbes in Human Welfare

Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production and judicious use.

Unit-IX Biotechnology and its Applications

Chapter-9: Biotechnology - Principles and Processes

Genetic Engineering (Recombinant DNA Technology).

Chapter-10: Biotechnology and its Applications

Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms - Bt crops; transgenic animals; biosafety issues, biopiracy and patents.

Unit-X Ecology and Environment

Chapter-11: Organisms and Populations

Population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution.

Chapter-12: Ecosystem

Ecosystems: Patterns, components; productivity and decomposition; energy flow; pyramids of number, biomass, energy.

Chapter-13: Biodiversity and its Conservation

Biodiversity-Concept, patterns, importance; loss of biodiversity; biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book, Sacred Groves, biosphere reserves, national parks, wildlife, sanctuaries and Ramsar sites.

The following topics are included in the syllabus but will be assessed only formatively to reinforce understanding without adding to summative assessments. This reduces academic stress while ensuring meaningful learning. Schools can integrate these with existing chapters as they align well. Relevant NCERT textual material is enclosed for reference.

Environmental Issues (available as a part of CBSE Reading Material):

Air pollution and its control, Water pollution and its control, Solid Wastes, Agro-chemicals and their effects, Radioactive wastes, Greenhouse effect and global warming, Ozone depletion in the stratosphere, Degradation by improper resource utilization and maintenance, deforestation.

COURSE STRUCTURE
CLASS XI
THEORY

Time: 3 Hours

Total Marks: 70

S. No	UNIT	Marks
1	Some Basic Concepts of Chemistry	7
2	Structure of Atom	9
3	Classification of Elements and Periodicity in Properties	6
4	Chemical Bonding and Molecular Structure	7
5	Chemical Thermodynamics	9
6	Equilibrium	7
7	Redox Reactions	4
8	Organic Chemistry: Some basic Principles and Techniques	11
9	Hydrocarbons	10
	TOTAL	70

Unit 1: Some Basic Concepts of Chemistry

Importance of Chemistry, Nature of Matter, Properties of Matter and their Measurement, Uncertainty in Measurement, Laws of Chemical Combination, Dalton's Atomic Theory, Atomic and Molecular Masses, Mole Concept and Molar Masses, Percentage Composition, Stoichiometry and Stoichiometric Calculations.

Unit 2: Structure of Atom

Discovery of Sub-atomic Particles, Atomic Models, Developments Leading to the Bohr's Model of Atom, Bohr's Model for Hydrogen Atom, Towards Quantum Mechanical Model of the Atom, Quantum Mechanical Model of Atom.

Unit 3: Classification of Elements and Periodicity in Properties

Why we Need to Classify Elements? Genesis of Periodic Classification, Modern Periodic Law and the Present Form of Periodic Table, Nomenclature of Elements with Atomic Number > 100, Electronic Configuration of Elements and the Periodic Table, Electronic Configuration of Elements and Types of Elements: s-, p-, d-, f- Blocks, Periodic Trends in Properties of Elements.

Unit 4: Chemical Bonding and Molecular Structure

Kossel-Lewis Approach to Chemical Bonding, Ionic or Electrovalent Bond, Bond Parameters, The Valence Shell Electron Pair Repulsion (VSEPR) Theory, Valence Bond Theory, Hybridisation, Molecular Orbital Theory, Bonding in Some Homonuclear Diatomic Molecules, Hydrogen Bonding.

Unit 5: Thermodynamics

Thermodynamic Terms, Applications, Measurement of ΔU and ΔH : Calorimetry, Enthalpy Change, and ΔH of a Reaction – Reaction Enthalpy, Enthalpies for Different Types of Reactions, Spontaneity, Gibbs Energy Change and Equilibrium.

Unit 6: Equilibrium

Equilibrium in Physical Processes, Equilibrium in Chemical Processes – Dynamic Equilibrium, Law of Chemical Equilibrium and Equilibrium Constant, Homogeneous Equilibria, Heterogeneous Equilibria, Applications of Equilibrium Constants, Relationship between Equilibrium Constant K , Reaction Quotient Q and Gibbs Energy G , Factors Affecting Equilibria, Ionic Equilibrium in Solution, Acids, Bases and Salts, Ionization of Acids and Bases, Buffer Solutions, Solubility Equilibria of Sparingly Soluble Salts.

Unit 7: Redox Reactions

Classical Idea of Redox Reactions – Oxidation and Reduction Reactions, Redox Reactions in Terms of Electron Transfer Reactions, Oxidation Number, Redox Reactions and Electrode Processes.

Unit 8: Organic Chemistry – Some Basic Principles and Techniques

General Introduction, Tetravalence of Carbon: Shapes of Organic Compounds, Structural Representations of Organic Compounds, Classification of Organic Compounds, Nomenclature of Organic Compounds, Isomerism, Fundamental Concepts in Organic Reaction Mechanism, Methods of Purification of Organic Compounds, Qualitative Analysis of Organic Compounds, Quantitative Analysis

Unit 9: Hydrocarbons

Classification, Alkanes, Alkenes, Alkynes, Aromatic Hydrocarbon, Carcinogenic and Toxicity.

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1. s & p Block Elements

Electronic configuration, atomic & ionic radii, Ionization Enthalpy, Hydration Enthalpy and general trends in physical and chemical properties of s and p block elements across the periods and down the groups; unique behavior of the first element in each group.

2. The Gaseous State

Qualitative treatment of Gas laws, Ideal gas equation and deviations from it.

COURSE STRUCTURE
CLASS XII
THEORY

Time: 3 Hours

Total Marks: 70

S. No.	Title	Marks
1	Solutions	7
2	Electrochemistry	9
3	Chemical Kinetics	7
4	d -and f -Block Elements	7
5	Coordination Compounds	7
6	Haloalkanes and Haloarenes	6
7	Alcohols, Phenols and Ethers	6
8	Aldehydes, Ketones and Carboxylic Acids	8
9	Amines	6
10	Biomolecules	7
	Total	70

Unit 1: Solutions

Types of Solutions, Expression of Concentration of Solutions, Solubility, Vapour Pressure of Liquid Solutions, Ideal and Non –Ideal Solutions, Colligative Properties and Determination of Molar Mass, Abnormal Molecular Masses.

Unit 2: Electrochemistry

Electrochemical Cells, Galvanic Cells, Nernst Equation, Conductance of Electrolytic solutions, Electrolytic Cells and Electrolysis, Batteries, Fuel Cells, Corrosion.

Unit 3: Chemical Kinetics

Rate of a Chemical reaction, factors influencing rate of reaction, integrated rate equations, Temperature Dependence of the rate of a reaction, Collision theory of Chemical Reactions

Unit 4: d and f Block Elements

Position in the Periodic Table, Electronic configuration of the d-Block Elements, General properties of the Transition Elements (d-Block), Some Important Compounds of Transition Elements, The Lanthanoids, The Actinoids, Some Applications of d- and f- Block Elements.

Unit 5: Coordination Compounds

Werner's Theory of Coordination Compound, Definition of Some important terms pertaining to Coordination Compounds, Nomenclature of Coordination Compounds. Isomerism in Coordination Compounds, Bonding in coordination compounds, Bonding in Metal Carbonyls, Importance and Applications of Coordination Compounds.

Unit 6: Haloalkanes and Haloarenes

Classification, Nomenclature, Nature of C–X bond, Methods of Preparation of Haloalkanes, Preparation of Haloarenes, Physical Properties, Chemical Reactions, Polyhalogen Compounds.

Unit 7: Alcohols, Phenols and Ethers

Classification, Nomenclature, Structures of Functional Groups, Alcohols and Phenols, Some commercially Important Alcohols, Ethers.

Unit 8: Aldehydes, Ketones and Carboxylic Acids

Nomenclature and Structure of Carbonyl Group, Preparation of Aldehydes and Ketones, Physical Properties and Chemical Reactions, Uses of Aldehydes and Ketones

Nomenclature Structure of Carboxyl Group, Methods of Preparation of Carboxylic Acids, Physical Properties and Chemical Reactions, Uses of Carboxylic Acids.

Unit 9: Amines

Structure of Amines, Classification, Nomenclature, Preparation of Amines, Physical Properties, Chemical Reactions, Methods of Preparation of Diazonium Salts, Physical Properties, Chemical Reactions, Chemical Reactions Importance of Diazonium Salts in Synthesis of Aromatic Compounds.

Unit 10: Biomolecules

Carbohydrates. Proteins, Enzymes, Vitamins Nucleic Acids, Hormones

Note: The following topics are included in the syllabus but will be assessed only formatively to reinforce understanding without adding to summative assessments. This reduces academic stress while ensuring meaningful learning. Schools can integrate these with existing chapters as they align well. Relevant NCERT textual material is enclosed for reference.

1. **Surface Chemistry** - Adsorption - physisorption and chemisorption, factors affecting adsorption of gases on solids, colloidal state distinction between true solutions, colloids and suspension; lyophilic, lyophobic properties of colloids; coagulation, emulsion - types of emulsions.
2. **General Principles and Processes of Isolation of Elements** - Principles and methods of extraction - concentration, oxidation, reduction - electrolytic method and refining
3. **Polymers** – Polymerisation, Homopolymers and copolymer with few examples
4. **Chemistry in Everyday life** - Chemicals in medicines - analgesics, tranquilizers antiseptics, disinfectants, antimicrobials, antifertility drugs, antibiotics, antacids, antihistamines. Chemicals in food - preservatives, artificial sweetening agents, antioxidants.

PHYSICS (Code No. 042)
COURSE STRUCTURE
Class XI - 2026-27 (Theory)

Time: 3 hrs.

Max Marks: 70

UNIT	CHAPTERS	MARKS
Unit-I	Physical World and Measurement	23
	Chapter-1: Units and Measurements	
Unit-II	Kinematics	
	Chapter-2: Motion in a Straight Line	
	Chapter-3: Motion in a Plane	
Unit-III	Laws of Motion	
	Chapter-4: Laws of Motion	17
Unit-IV	Work, Energy and Power	
	Chapter-5: Work, Energy and Power	
Unit-V	Motion of System of Particles and Rigid Body	
	Chapter-6: System of Particles and Rotational Motion	
Unit-VI	Gravitation	
	Chapter-7: Gravitation	20
Unit-VII	Properties of Bulk Matter	
	Chapter-8: Mechanical Properties of Solids	
	Chapter-9: Mechanical Properties of Fluids	
	Chapter-10: Thermal Properties of Matter	
Unit-VIII	Thermodynamics	
	Chapter-11: Thermodynamics	10
Unit-IX	Behaviour of Perfect Gases and Kinetic Theory of Gases	
	Chapter-12: Kinetic Theory	
Unit-X	Oscillations and Waves	
	Chapter-13: Oscillations	
	Chapter-14: Waves	
Total		70

CLASS XII (2026-27)**PHYSICS (THEORY)****Time: 3 hrs.****Max Marks: 70**

UNIT	CHAPTERS	MARKS
Unit-I	Electrostatics	16
	Chapter-1: Electric Charges and Fields	
	Chapter-2: Electrostatic Potential and Capacitance	
Unit-II	Current Electricity	
	Chapter-3: Current Electricity	17
Unit-III	Magnetic Effects of Current and Magnetism	
	Chapter-4: Moving Charges and Magnetism	
	Chapter-5: Magnetism and Matter	
Unit-IV	Electromagnetic Induction and Alternating Currents	18
	Chapter-6: Electromagnetic Induction	
	Chapter-7: Alternating Current	
Unit-V	Electromagnetic Waves	
	Chapter-8: Electromagnetic Waves	12
Unit-VI	Optics	
	Chapter-9: Ray Optics and Optical Instruments	
	Chapter-10: Wave Optics	
Unit-VII	Dual Nature of Radiation and Matter	7
	Chapter-11: Dual Nature of Radiation and Matter	
Unit-VIII	Atoms and Nuclei	
	Chapter-12: Atoms	
	Chapter-13: Nuclei	70
Unit-IX	Electronic Devices	
	Chapter-14: Semiconductor Electronics: Materials, Devices and Simple Circuits	
Total		

COURSE STRUCTURE

CLASS XI (2026-27)

Three Hours

Max Marks: 80

No.	Units	Marks
I.	Sets and Functions	23
II.	Algebra	25
III.	Coordinate Geometry	12
IV.	Calculus	08
V.	Statistics and Probability	12
	Total	80
	Internal Assessment	20

*No chapter/unit-wise weightage. Care to be taken to cover all the chapters.

Unit-I: Sets and Functions

1. Sets

Sets and their representations, Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations). Universal set. Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of Complement.

2. Relations & Functions

Ordered pairs. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of reals with itself (up to $\mathbb{R} \times \mathbb{R} \times \mathbb{R}$). Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of functions.

3. Trigonometric Functions

Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Truth of the identity $\sin^2 x + \cos^2 x = 1$, for all x . Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs. Expressing $\sin(x \pm y)$ and $\cos(x \pm y)$ in terms of $\sin x$, $\sin y$, $\cos x$ & $\cos y$ and their simple applications. Deducing identities like the following:

$$\tan(x \pm y) = \frac{\tan x \pm \tan y}{1 \mp \tan x \tan y}, \cot(x \pm y) = \frac{\cot x \mp \cot y}{\cot y \pm \cot x}$$

$$\sin \alpha \pm \sin \beta = 2 \sin \frac{1}{2}(\alpha \pm \beta) \cos \frac{1}{2}(\alpha \mp \beta)$$

$$\cos \alpha + \cos \beta = 2 \cos \frac{1}{2}(\alpha + \beta) \cos \frac{1}{2}(\alpha - \beta)$$

$$\cos \alpha - \cos \beta = -2 \sin \frac{1}{2}(\alpha + \beta) \sin \frac{1}{2}(\alpha - \beta)$$

Identities related to $\sin 2x$, $\cos 2x$, $\tan 2x$, $\sin 3x$, $\cos 3x$ and $\tan 3x$.

Unit-II: Algebra

1. Complex Numbers and Quadratic Equations

Need for complex numbers, especially $\sqrt{-1}$, to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane.

2. Linear Inequalities

Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line.

3. Permutations and Combinations

Fundamental principle of counting. Factorial n . $(n!)$ Permutations and combinations, derivation of Formulae for ${}^n P_r$, ${}^n C_r$ and their connections, simple applications.

4. Binomial Theorem

Historical perspective, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, simple applications.

5. Sequence and Series

Sequence and Series. Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M

Unit-III: Coordinate Geometry

1. Straight Lines

Brief recall of two-dimensional geometry from earlier classes. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept form, two-point form, intercept form. Distance of a point from a line.

2. Conic Sections

Sections of a cone: circles, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle.

3. Introduction to Three-dimensional Geometry

Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points.

Unit-IV: Calculus

1. Limits and Derivatives

Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to slope of tangent of the curve, derivative of sum, difference, product and quotient of functions of polynomial and trigonometric functions.

Unit-V Statistics and Probability

1. Statistics

Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data.

2. Probability

Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events.

COURSE STRUCTURE

CLASS – XII

(2026-27)

One Paper

Max. Marks: 80

No.	Units	Marks
I.	Relations and Functions	08
II.	Algebra	10
III.	Calculus	35
IV.	Vectors and Three - Dimensional Geometry	14
V.	Linear Programming	05
VI.	Probability	08
	Total	80
	Internal Assessment	20

Unit-I: Relations and Functions

1. Relations and Functions

Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and onto functions.

2. Inverse Trigonometric Functions

Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions.

Unit-II: Algebra

1. Matrices

Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operations on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Non- commutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Invertible matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries).

2. Determinants

Determinant of a square matrix (up to 3×3 matrices), minors, co-factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix.

Unit-III: Calculus

1. Continuity and Differentiability

Continuity and differentiability, chain rule, derivative of composite functions, derivatives of inverse trigonometric functions like $\sin^{-1} x$, $\cos^{-1} x$ and $\tan^{-1} x$, derivative of implicit functions. Concept of exponential and logarithmic functions. Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives.

2. Applications of Derivatives

Applications of derivatives: rate of change of quantities, increasing/decreasing functions, maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real- life situations).

3. Integrals

Integration as inverse process of differentiation. Integration of a variety of functions by substitution, by partial fractions and by parts, Evaluation of simple integrals of the following types and problems based on them.

$$\int \frac{dx}{x^2 \pm a^2}, \int \frac{dx}{\sqrt{x^2 \pm a^2}}, \int \frac{dx}{\sqrt{a^2 - x^2}}, \int \frac{dx}{ax^2 + bx + c}, \int \frac{dx}{\sqrt{ax^2 + bx + c}}, \int \frac{px + q}{ax^2 + bx + c} dx,$$
$$\int \frac{px + q}{\sqrt{ax^2 + bx + c}} dx, \int \sqrt{a^2 \pm x^2} dx, \int \sqrt{x^2 - a^2} dx, \int \sqrt{ax^2 + bx + c} dx$$

Fundamental Theorem of Calculus (without proof). Basic properties of definite integrals and evaluation of definite integrals.

4. Application of the Integrals

Applications in finding the area under simple curves, especially lines, circles/ parabolas/ellipses (in standard form only)

5. Differential Equations

Definition, order and degree, general and particular solutions of a differential equation. Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential equation of the type:

$$\frac{dy}{dx} + py = q, \text{ where } p \text{ and } q \text{ are functions of } x \text{ or constants.}$$

$$\frac{dx}{dy} + px = q, \text{ where } p \text{ and } q \text{ are functions of } y \text{ or constants.}$$

Unit-IV: Vectors and Three-dimensional Geometry

1. Vectors

Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors.

2. Three-dimensional Geometry

Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, skew lines, shortest distance between two lines. Angle between two lines.

Unit-V: Linear Programming Problem

1. Linear Programming

Introduction, related terminology such as constraints, objective function, optimization, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints).

Unit-VI: Probability

1. Probability

Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem.

हिंदी (आधार)
विषय कोड – 302
कक्षा 11वीं (2026-27)
परीक्षा हेतु पाठ्यक्रम विनिर्देशन

- प्रश्न-पत्र तीन खण्डों – खंड- क, ख और ग में होगा।
- खंड- क में अपठित बोध पर आधारित प्रश्न पूछे जाएँगे। सभी प्रश्नों के उत्तर देने होंगे।
- खंड- ख में अभिव्यक्ति और माध्यम पाठ्यपुस्तक के आधार पर प्रश्न पूछे जाएँगे। प्रश्नों में आंतरिक विकल्प दिए जाएँगे।
- खंड- ग में आरोह भाग – 1 एवं वितान भाग – 1 पाठ्यपुस्तकों के आधार पर प्रश्न पूछे जाएँगे। प्रश्नों में आंतरिक विकल्प दिए जाएँगे।

भारांक-80

निर्धारित समय – 03 घंटे

वार्षिक परीक्षा हेतु भार विभाजन

	खंड-क (अपठित बोध)	18 अंक
1	01 अपठित गद्यांश (लगभग 250 शब्दों का) पर आधारित बोध, चिंतन, विश्लेषण पर बहुविकल्पीय प्रश्न, अतिलघूत्तरात्मक प्रश्न, लघूत्तरात्मक प्रश्न पूछे जाएँगे। (बहुविकल्पीय प्रश्न 01 अंक $\times$ 03 प्रश्न = 03 अंक, अतिलघूत्तरात्मक प्रश्न 01 अंक $\times$ 01 प्रश्न = 1 अंक, लघूत्तरात्मक प्रश्न 02 अंक $\times$ 3 प्रश्न = 6 अंक)	10 अंक
2	01 अपठित पद्यांश (लगभग 100 शब्दों का) पर आधारित बोध, सराहना, सौंदर्य, चिंतन, विश्लेषण आदि पर बहुविकल्पीय प्रश्न, अतिलघूत्तरात्मक प्रश्न, लघूत्तरात्मक प्रश्न पूछे जाएँगे। (बहुविकल्पीय प्रश्न 01 अंक $\times$ 03 प्रश्न = 03 अंक, अतिलघूत्तरात्मक प्रश्न 01 अंक $\times$ 01 प्रश्न = 01 अंक, लघूत्तरात्मक प्रश्न 02 अंक $\times$ 02 प्रश्न = 04 अंक)	08 अंक
	खंड- ख (अभिव्यक्ति और माध्यम पाठ्यपुस्तक के आधार पर) पाठ संख्या 1, 2, 9, 10, 14, 15 तथा 16 पर आधारित	22 अंक
3	दिए गए 03 अप्रत्याशित विषयों में से किसी 01 विषय पर आधारित लगभग 120 शब्दों में रचनात्मक लेखन (06 अंक $\times$ 01 प्रश्न)	06 अंक
4	औपचारिक पत्र लेखन। (विकल्प सहित) (05 अंक $\times$ 01 प्रश्न)	05 अंक
5	पाठ संख्या 1, 2, 9, 10, 14, 15 तथा 16 पर आधारित 04 प्रश्न (विकल्प सहित) (02 अंक $\times$ 04 प्रश्न = 8 अंक) (लगभग 40 शब्दों में), (03 अंक $\times$ 01 प्रश्न = 3 अंक) (लगभग 60 शब्दों में)	11 अंक

	खंड- ग (आरोह भाग – 1 एवं वितान भाग-1 पाठ्य पुस्तकों के आधार पर)	40 अंक
6	पठित काव्यांश पर आधारित 05 बहुविकल्पी प्रश्न (01 अंक x 05 प्रश्न)	05 अंक
7	काव्य खंड पर आधारित 03 प्रश्नों में से किन्हीं 02 प्रश्नों के उत्तर (लगभग 60 शब्दों में) (03 अंक x 02 प्रश्न)	06 अंक
8	काव्य खंड पर आधारित 03 प्रश्नों में से किन्हीं 02 प्रश्नों के उत्तर (लगभग 40 शब्दों में) (02 अंक x 02 प्रश्न)	04 अंक
9	पठित गद्यांश पर आधारित 05 बहुविकल्पी प्रश्न (01 अंक x 05 प्रश्न)	05 अंक
10	गद्य खंड पर आधारित 03 प्रश्नों में से किन्हीं 02 प्रश्नों के उत्तर (लगभग 60 शब्दों में) (03 अंक x 02 प्रश्न)	06 अंक
11	गद्य खंड पर आधारित 03 प्रश्नों में से किन्हीं 02 प्रश्नों के उत्तर (लगभग 40 शब्दों में) (02 अंक x 02 प्रश्न)	04 अंक
12	वितान के पाठों पर आधारित 03 में से 02 प्रश्नों के उत्तर (लगभग 60 शब्दों में) (05 अंक x 02 प्रश्न)	10 अंक
13	(अ) श्रवण तथा वाचन (ब) परियोजना कार्य	10+10 = 20 अंक
कुल अंक		100 अंक

निर्धारित पाठ्यपुस्तकें :

1. आरोह, भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित
 2. वितान भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित
 3. अभिव्यक्ति और माध्यम, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित
- नोट – पाठ्यक्रम के निम्नलिखित पाठ हटा दिए गए हैं :**

आरोह भाग - 1	काव्य खंड	• कबीर (पद 2) - संतो देखत जग बौराना • मीरा (पद 2) - पग घुंगरू बांधि मीरा नाची • रामनरेश त्रिपाठी - पथिक (पूरा पाठ) • सुमित्रानंदन पंत - वे आँखें (पूरा पाठ)
	गद्य खंड	• कृष्णनाथ - स्पीति में बारिश (पूरा पाठ) • सैयद हैदर रज़ा - आत्मा का ताप (पूरा पाठ)

हिंदी (आधार)
विषय कोड – 302
कक्षा 12वीं (2026-27)
परीक्षा हेतु पाठ्यक्रम विनिर्देशन

- प्रश्न-पत्र तीन खण्डों – खंड- क, ख और ग में होगा।
- खंड- क में अपठित बोध पर आधारित प्रश्न पूछे जाएँगे। सभी प्रश्नों के उत्तर देने होंगे।
- खंड- ख में अभिव्यक्ति और माध्यम पाठ्यपुस्तक के आधार पर प्रश्न पूछे जाएँगे। प्रश्नों में आंतरिक विकल्प दिए जाएँगे।
- खंड- ग में आरोह भाग – 2 एवं वितान भाग – 2 पाठ्यपुस्तकों के आधार पर प्रश्न पूछे जाएँगे। प्रश्नों में आंतरिक विकल्प दिए जाएँगे।

भारांक-80

निर्धारित समय – 03 घंटे

वार्षिक परीक्षा हेतु भार विभाजन

	खंड-क (अपठित बोध)	18 अंक
1	01 अपठित गद्यांश (लगभग 250 शब्दों का) पर आधारित बोध, चिंतन, विश्लेषण पर बहुविकल्पीय प्रश्न, अतिलघूत्तरात्मक प्रश्न, लघूत्तरात्मक प्रश्न पूछे जाएँगे। (बहुविकल्पीय प्रश्न 01 अंक × 03 प्रश्न = 03 अंक, अतिलघूत्तरात्मक प्रश्न 01 अंक × 01 प्रश्न = 01 अंक, लघूत्तरात्मक प्रश्न 02 अंक × 03 प्रश्न = 06 अंक)	10 अंक
2	01 अपठित पद्यांश (लगभग 100 शब्दों का) पर आधारित बोध, सराहना, सौंदर्य, चिंतन, विश्लेषण आदि पर बहुविकल्पीय प्रश्न, अतिलघूत्तरात्मक प्रश्न, लघूत्तरात्मक प्रश्न पूछे जाएँगे। (बहुविकल्पीय प्रश्न 01 अंक × 03 प्रश्न = 03 अंक, अतिलघूत्तरात्मक प्रश्न 01 अंक × 01 प्रश्न = 01 अंक, लघूत्तरात्मक प्रश्न 02 अंक × 02 प्रश्न = 04 अंक)	08 अंक
	खंड- ख (अभिव्यक्ति और माध्यम पाठ्यपुस्तक के आधार पर) पाठ संख्या 3, 4, 5, 11, 12 तथा 13 पर आधारित	22 अंक
3	दिए गए 03 अप्रत्याशित विषयों में से किसी 01 विषय पर आधारित लगभग 120 शब्दों में रचनात्मक लेखन (06 अंक × 01 प्रश्न)	06 अंक
4	पाठ संख्या 3, 4, 5, 11 तथा 13 पर आधारित (02 अंक × 04 प्रश्न = 08 अंक) (लगभग 40 शब्दों में), (04 अंक × 02 प्रश्न = 08 अंक) (लगभग 80 शब्दों में) (विकल्प सहित)	16 अंक
	खंड- ग (आरोह भाग – 2 एवं वितान भाग-2 पाठ्यपुस्तकों के आधार पर)	40 अंक
5	पठित काव्यांश पर आधारित 05 बहुविकल्पी प्रश्न (01 अंक × 05 प्रश्न)	05 अंक
6	काव्य खंड पर आधारित 03 प्रश्नों में से किन्हीं 02 प्रश्नों के उत्तर (लगभग 60 शब्दों में)	06 अंक

**CLASS XI
COURSE STRUCTURE**

Chapter No.	Chapter Name	Marks
PART A INDIAN CONSTITUTION AT WORK		
1	Constitution: Why and How?	8
2	Rights in the Indian Constitution	
3	Election and Representation	6
4	Executive	12
5	Legislature	
6	Judiciary	
7	Federalism	6
8	Local Governments	4
9	Constitution as a Living Document	4
10	The Philosophy of the Constitution	
	Marks allotted to Indian Constitution at Work	40
PART B POLITICAL THEORY		
1	Political Theory: An Introduction	4
2	Freedom	12
3	Equality	
4	Social Justice	6
5	Rights	4
6	Citizenship	8
7	Nationalism	
8	Secularism	6
	Marks allotted for Political Theory	40
	Total	80

CLASS XII**COURSE STRUCTURE**

Chapter No.	Chapter Name	Marks Allotted
PART A-CONTEMPORARY WORLD POLITICS		
1	The End of Bipolarity	6
2	Contemporary Centres of Power	6
3	Contemporary South Asia	6
4	International Organizations	6
5	Security in the Contemporary World	6
6	Environment and Natural Resources	6
7	Globalisation	4
	PART A - Total	40
PART B-POLITICS IN INDIA SINCE INDEPENDENCE		
1	Challenges of Nation-Building	6
2	Era of One-Party Dominance	4
3	Politics of Planned Development	2
4	India's External Relations	6
5	Challenges to and Restoration of the Congress System	4
6	The Crisis of Democratic Order	4
7	Regional Aspirations	6
8	Recent Developments in Indian Politics	8
	PART B - Total	40
	TOTAL	80

COURSE STRUCTURE
Class XI

Section Title	Theme No.	Theme Title	Marks
Reading of World History		Introduction of World History	
I EARLY SOCIETIES		Introduction Timeline I (6 MYA TO 1 BCE)	
	1	Writing and City Life	10
II EMPIRES		Introduction Timeline II (C. 100 BCE TO 1300 CE)	
	2	An Empire Across Three Continents	10
	3	Nomadic Empires	10
III CHANGING TRADITIONS		Introduction Timeline III (C. 1300 TO 1700)	
	4	The Three orders	10
	5	Changing Cultural Traditions	10
IV TOWARDS MODERNISATION		Introduction Timeline IV (C. 1700 TO 2000)	
	6	Displacing Indigenous Peoples	10
	7	Paths to Modernisation	15
	Map	Map work of the related Themes	05
		Theory Total	80
		Project work	20
		TOTAL	100

Note-The Maps available in the official website of Govt., of India may be used

COURSE CONTENT
CLASS XI

Section	Theme	Learning outcome with specific competencies
I EARLY SOCIETIES	Timeline I (6 MYA TO 1 BCE)	❖ Understanding the concept of chronology
	Theme 1 Writing and City Life Focus: Iraq, 3 rd millennium BCE a. Growth of towns b. Nature of early urban societies c. Historians' Debate on uses of writing.	❖ Elucidate the interwoven social and cultural aspects of civilization in order to understand the connection between city life and culture of contemporary civilizations through their writings. ❖ Analyse the outcomes of a sustained tradition of writing. ❖ Explain the connection between the growth of human civilisation and the tradition of writing.
	Timeline II (C.100 BCE TO 1300 CE)	❖ Understanding the periods in order of time.
II EMPIRES	Theme 2 An Empire across Three Continents	❖ Explain and relate the dynamics of the Roman Empire in order to understand their polity, economy, society and culture. ❖ Analyse the implications of Roman's contacts with the subcontinent empires and discuss about slavery. ❖ Examine the domains of cultural transformation in that period & the impact of slavery.
	Theme 3 NOMADIC EMPIRES	❖ Identify the living patterns of nomadic pastoralist society. ❖ Trace the rise and growth of Genghis Khan in order to understand him as an oceanic ruler. ❖ Analyse socio-political and economic changes during the period of the descendants of Genghis Khan ❖ Distinguish between the Mongolian people's perspective and the world's opinion about Genghis Khan
III CHANGING TRADITIONS	Timeline III (C. 1300 TO 1700) Theme 4 The Three Orders	❖ Explain the myriad aspects of feudalism with reference to first, second, third and fourth order of the society. ❖ Relate between ancient slavery and serfdom. ❖ Assess the 14th century crisis and rise of the nation states.

**CLASS XII
COURSE STRUCTURE**

Theory Paper

S.No.	Part	Marks
1	Themes in Indian History Part--I	25
2	Themes in Indian History Part—II	25
3	Themes in Indian History Part—III	25
4	Map	05
	Total	80

Note-The Maps available in the website of Survey of India may be used. (<https://surveyofindia.gov.in/>)

Themes in Indian History		Part-I	25 Marks
Sr No.	Theme Title		Marks
1	Bricks, Beads and Bones The Harappa Civilisation		25
2	Kings, Farmers and Towns Early States and Economies (c.600 BCE 600 CE)		
3	Kingship, Caste and class Early Societies (c. 600 BCE 600 CE)		
4	Thinkers, Beliefs and Buildings Cultural Developments (c. 600 BCE 600 CE)		
Themes in Indian History		Part-II	25 marks
5	Through the eyes of Travellers Perceptions of Society (c. tenth to seventeenth centuries)		25
6	Bhakti-Sufi Traditions Changes in Religious Beliefs and Devotional Texts (c. eighth to eighteenth centuries)		
7	An Imperial Capital – Vijayanagar (c. fourteenth to sixteenth centuries)		
8	Peasants, zamindars and the States Agrarian Society and the Mughal Empire (c. sixteenth-seventeenth centuries)		

Themes in Indian History		Part-III	25 marks
09	Colonialism and The Countryside Exploring Official Archives	25	
10	Rebels and Raj 1857 Revolt and its Representations		
11	Mahatma Gandhi and the National Movement Civil Disobedience and Beyond		
12	Framing of the Constitution The Beginning of a New Era		
	Including Map work of the related Themes		05
	Theory Total		80
	Project Work		20
	TOTAL		100

Note-The Maps available in the official website of Govt., of India may be used

CLASS XII COURSE CONTENT

Theme No. and Title	Learning outcome with specific competencies
Themes in Indian History Part – I	
1 BRICKS, BEADS AND BONES The Harappan Civilisation	❖ Investigate, explore and interpret the early urban centres and social institutions. ❖ State and deduce the multi-lateral aspects of Harappan civilisation to understand the first civilization of the world. ❖ Investigate and interpret historical and contemporary sources and viewpoints of ASI and historians on Harappa.
2 KINGS, FARMERS AND TOWNS Early States and Economies (c.600 BCE 600 CE)	❖ Critically evaluate and interpret major trends in the political and economic history of the subcontinent. ❖ Decode inscriptional evidence. ❖ Analyse inscriptional evidences and the ways in which these have shaped the understanding of political and economic processes.

3 KINSHIP, CASTE AND CLASS Early Societies (c. 600 BCE 600 CE)	❖ Examine, analyse the issues of social history. ❖ Analyse social norms in order to understand the perspectives of society given in the scriptures of ancient India. ❖ Examine the varied dimensions explored by historians in order to understand dynamic approach of Mahabharata.
4 THINKERS, BELIEFS AND BUILDINGS Cultural Developments (c. 600 BCE 600 CE)	❖ Infer and compare the major religious developments in early India. ❖ Elucidate the rich religious sculpture and infer the stories hidden in it. ❖ Create a picture album of the Buddhist Sculpture.
Themes in Indian History Part—II	
5 THROUGH THE EYES OF TRAVELLERS Perceptions of Society (c. tenth to seventeenth centuries)	❖ Understand salient features of social histories described by the travellers and apply the learning in real life. ❖ Elucidating the accounts of foreign travellers in order to understand the social political and economic life during the tenure of different rulers in the medieval period.
6 BHAKTI –SUFİ TRADITIONS Changes in Religious Beliefs and Devotional Texts (c. eighth to eighteenth centuries)	❖ Understand the religious developments. ❖ Summarise the philosophies of different Bhakti and Sufi saints to understand the religious developments during medieval period. ❖ Comprehend the religious movement in order to establish unity, peace harmony and brotherhood in society.
7 AN IMPERIAL CAPITAL: VIJAYANAGARA (c. fourteenth to sixteenth centuries)	❖ Students will be able to Classify the distinctive architectural contributions of the Vijayanagar empire to comprehend the richness of mingled cultures of deccan India. ❖ Analyse accounts of foreign traveller's on Vijayanagar in order to interpret political, social and cultural life of the city. ❖ Assess and appreciate the city planning, water management system, administration of the rulers.

8 PEASANTS, ZAMINDARS AND THE STATE Agrarian Society and the Mughal Empire (c. sixteenth seventeenth centuries)	❖ Comprehend the facets of agrarian developments in order to understand the relationship between the state and the agriculture during Mughal period. ❖ Compare and contrast the agrarian changes occurred during sixteenth and seventeenth centuries. ❖ Make a table and bring out the differences in the agrarian sector.
Themes in Indian History Part—III	
9 COLONIALISM AND THE COUNTRYSIDE Exploring Official Archives	❖ Evaluate the revenue systems introduced by the British to understand the economic aspects of colonization in India. ❖ Analyse the colonial official records & reports to understand the divergent interest of British and Indians. ❖ Find solution to be taken to protect the peasants and artisans in this century.
10 REBELS AND THE RAJ 1857 Revolt and its Representations	❖ Examine the events of 1857. ❖ Correlate the Planning and coordination of the rebels of 1857 to infer its domains and nature. ❖ Examine the momentum of the revolt to understand its spread. ❖ Analyse how revolt created vision of unity amongst Indians. ❖ Interpret visual images to understand the emotions portrayed by the nationalist and British.
11 MAHATMA GANDHI AND THE NATIONALIST MOVEMENT Civil Disobedience and Beyond	❖ Understand the nationalist movement in chronological order. ❖ Correlate the significant elements of the nationalist movement and the nature of ideas, individuals, and institutions under the Gandhian leadership. ❖ Debate on the significant contributions of Gandhi to understand his mass appeal for nationalism. ❖ Explore the ways of interpreting historical source such as newspapers, biographies and autobiographies diaries, letters
12 FRAMING THE CONSTITUTION The Beginning of a New Era	❖ Highlight the role of Constituent Assembly to understand functionaries in framing the constitution of India. ❖ Analyse how debates and discussions around important issues in the Constituent Assembly shaped our Constitution

Note: This is not an exhaustive list. For reflective teaching- learning process, explicit Learning Objectives and Outcomes can be added by teachers during the course-delivery for student's real learning.

S. No	Page No.	Part – I Maps
1	2	Mature Harappan sites: Harappa, Banawali, Kalibangan, Balakot, Rakhigarhi, Dholavira, Nageshwar, Lothal, Mohenjodaro, Chanhudaro, Kot Diji.
2	3	Mahajanapada and cities: Vajji, Magadha, Kosala, Kuru, Panchala, Gandhara, Avanti, Rajgir, Ujjain, Taxila, Varanasi.
3	33	Distribution of Ashokan inscriptions: • Pillar inscriptions – Sanchi, Topra, Meerut Pillar and Kaushambi. • Kingdom of Cholas, Cheras and Pandyas.
4	43	Important kingdoms and towns: • Kushanas, Shakas, Satavahanas, Vakatakas, Guptas • Cities/towns: Mathura, Kanauj, Puhar, Braghukachchha, Shravasti, Rajgir, Vaishali, Varanasi, Vidisha
5	95	Major Buddhist Sites: Nagarjunakonda, Sanchi, Amaravati, Lumbini, Bharhut, Bodh Gaya, Ajanta
S. No	Page No.	Part II - Maps
6	174	Bidar, Golconda, Bijapur, Vijayanagar, Chandragiri, Kanchipuram, Mysore, Thanjavur, Kolar, Tirunelveli
7	214	Territories under Babur, Akbar and Aurangzeb: • Delhi, Agra, Panipat, Amber, Ajmer, Lahore, Goa.
S. No	Page No.	Part III - Maps
8	287	Territories/cities under British Control in 1857: Punjab, Sindh, Bombay, Madras, Berar, Bengal, Bihar, Orissa, Surat, Calcutta, Patna, Allahabad
9	260	Main centres of the Revolt of 1857: Delhi, Meerut, Jhansi, Lucknow, Kanpur, Azamgarh, Calcutta, Benaras, Gwalior, Jabalpur, Agra, Awadh
10		Important centres of the National Movement: Champaran, Kheda, Ahmedabad, Benaras, Amritsar, Chauri Chaura, Lahore, Bardoli, Dandi, Bombay (Quit India Resolution), Karachi

Note-The Maps available in the official website of Govt., of India may be used.

HINDUSTANI MUSIC - VOCAL
Subject Code - 034
Class XI (2026-27)

Assessment Design

S.No	Component	Marks
A	Theory	30
B	Practical	70

Curriculum & Examination Structure

(A) Theory

Max. Marks 30

Time: 02 hours

1. Questions to be set with internal choice covering the entire syllabus

Sr. No.	Units	Marks
Unit 1		
1.1	Brief study of the following: Nada, Shruti, Swar, Saptak, Thaata, Jati, Laya, Tala	06
1.2	Brief study of the following: Margi- Desi Sangeet, Raga,	
Unit 2		
2.1	Brief History of the following Dhrupad, Khayal and Tarana	06
Unit 3		
3.1	Brief study of Musical Elements in Natya Shastra	06
3.2	Life sketch and contribution of Tansen, V.N. Bhatkhande and V.D. Paluskar	
Unit 4		
4.1	Description of prescribed Talas along with Tala Notation with Thah, Dugun and Chaugun Teentala Ektala Chautala	06
4.2	Knowledge of the Structure of Tanpura	
Unit 5		
5.1	Critical study of Prescribed Ragas. Recognizing Ragas from phrases of Swaras and elaborating them.	06
5.2	Writing in notation the compositions of prescribed Ragas • Bihag • Bhimpalasi • Bhairavi	

(B) Practical**Max. Marks 70****(i) Topics**

1.	One Vilambit Khayal with simple elaborations and few tanas in any one of the prescribed Ragas.
2.	One Drut Khayal with simple elaboration and few tanas in the following Ragas: Bihag, Bhairavi and Bhimpalasi.
3.	One Dhrupad with Dugun in any one of the prescribed Ragas.
4.	One Devotional Song.
5.	Ability to recognize the prescribed Ragas from the phrases of Swaras rendered by the Examiner.
6.	Recitation of the Thekas of Teentala, Chautala and Ektala with Dugun and Chaugun, keeping Tala with hand beats.

(ii) Distribution of Marks**Time: 20-25 Minutes for each candidate**

1. Examiners are requested to ask the questions directly related to the syllabus.
2. Marks should be awarded in accordance with the marking scheme.

S. No.	Value Points	Marks
1.	Choice Raga (Vilambit & Drut Khyal) any one of the following: • Bihag • Bhimpalasi • Bhairavi	15
2.	Examiner's Choice of Ragas	12
3.	1 Dhrupad with Dugun in any one of the prescribed Ragas	14
4.	Devotional Song.	06
5.	Ability to recognize the prescribed ragas from the phrases of swaras rendered by the examiner	08
6.	Recitation of Thekas of prescribed Talas with Thah, Dugun, Chaugun: • Teentala • Ektala • Chautala	05+05=10
7.	Practical File: • Analyse the style of any present day artis of classical vocal music. • Description and notation of all compositions in prescribed Ragas. • Description and Tala Notation with layakaris of all prescribed.	05

* Teachers will refer to the distribution of marks while examining the candidate for practical examination

HINDUSTANI MUSIC - VOCAL
(Subject Code - 034)
Class XII (2026-27)

Assessment Design

S.No	Component	Marks
A	Theory	30
B	Practical	70

Curriculum & Examination Structure

(A) Theory

Max. Marks 30

Time: 02 hours

1. Questions to be set with internal choice covering the entire syllabus

S.No.	Units	Marks
Unit 1		
1.1	Brief study of the following: - Alankar, Kan, Meend, Khatka, Murki, Gamak.	06
1.2	Brief study of the following Gram, Murchhana, Alap, Tana.	
Unit 2		
		06
2.1	Historical development of Time Theory of Ragas	
Unit 3		
3.1	Detail study of Sangeet Ratnakar the following: Sangeet Parijat	06
3.2	Life sketch and Contribution of Faiyaz Khan, Bade Ghulam Ali Khan, Krishna Krishna Rao, Shankar Pandit	
Unit 4		
4.1	Description of Prescribed Talas along with Tala Notation with Thah, Dugun, Tigun and Chaugun Jhaptala, Rupak, Dhamar	06
4.2	Tuning of Tanpura	
Unit 5		
5.1	Critical study of Prescribed Ragas along with recognizing the Ragas from phrases of Swaras and elaborating them.	06
5.2	Writing in Notation the Compositions of Prescribed Ragas: Bhairav, Bageshri, Malkauns	

(i) Topics

1.	One Vilambit Khayal with simple elaborations and few Tanas in any two of the prescribed Ragas.
2.	One Drut Khayal with simple elaborations and few tanas in the following Ragas-Bhairav, Bageshri and Malkauns.
3.	One Tarana and one Dhamar with dugun and chaugun in any one of the prescribed Ragas.
4.	Ability to recognize the Ragas from the Phrases of Swaras rendered by the examiner.
5.	Recitation of the Thekas of Jhaptala, Rupak, and Dhamar with Dugun and Chaugun, keeping tala with handbeats.
6.	Tuning of Tanpura.

(ii) Distribution of Marks**Time: 25-30 Minutes for each candidate**

1. Examiners are requested to ask the questions directly related to the syllabus.

S.No.	Value Points	Marks
1.	Choice Raga (Vilambit and Drut Khayal) with simple elaborations in prescribed Ragas (anyone): • Bhairav • Bageshri • Malkauns	10+8=18
2.	Examiner's Choice of Ragas	10
3.	One Tarana and one Dhamar with Dugun and Chaugun	8+8=16
6.	Identification of Ragas	06
7.	Reciting the Thekas of Prescribed Talas with handbeats with Thah and Dugun and Chaugun: • Jhaptala • Rupak • Dhamar	5+5=10
8.	Tuning of Tanpura and questions regarding it	5
9.	Practical file	5

* External Examiner will refer to the distribution of marks while examining the candidate for practical examination

Physical Education (Subject Code 048)

Class XI (2026-27)

UNIT NO.	UNIT NAME	THE WEIGHTAGE (MARKS) ALLOTTED
UNIT 1	Changing Trends & Career in Physical Education	04 + 04 b*
UNIT 2	Olympic Value Education	05
UNIT 3	Yoga	06+01 b*
UNIT 4	Physical Education & Sports for CWSN	04+03 b*
UNIT 5	Physical Fitness, Wellness	05
UNIT 6	Test, Measurements & Evaluation	08
UNIT 7	Fundamentals of Anatomy and Physiology in Sports	08
UNIT 8	Fundamentals of Kinesiology and Biomechanics in Sports	04+04 b*
UNIT 9	Psychology and Sports	07
UNIT 10	Training & Doping in Sports	07
PRACTICAL (LAB)[#]	Including 3 Practical	30
TOTAL	Theory 10 + Practical 3	Theory 70 + Practical 30 = 100

Note: b*are the Concept based questions like Tactile diagram/data interpretation/ case base study for visually Impaired Child.

Physical Education (Subject Code 048)

Class XII (2026-27)

UNIT NO.	UNIT NAME	THE WEIGHTAGE (MARKS) ALLOTTED
UNIT 1	Management of Sporting Events	05 + 04 b*
UNIT 2	Children and Women in Sports	07
UNIT 3	Yoga as Preventive measure for Lifestyle Disease	06+01 b*
UNIT 4	Physical Education & Sports for (CWSN)	04+04 b*
UNIT 5	Sports & Nutrition	07
UNIT 6	Test and Measurement in Sports	08
UNIT 7	Physiology & Injuries in Sport	04+04 b*
UNIT 8	Biomechanics and Sports	10
UNIT 9	Psychology and Sports	07
UNIT 10	Training in Sports	09
PRACTICAL (LAB)[#]	Including 3 Practical	30
TOTAL	Theory 10 + Practical 3	Theory 70 + Practical 30 = 100
Note: b*are the Concept based questions like Tactile diagram/data interpretation/case base study for visually Impaired Child		

COMPUTER SCIENCE

Subject Code - 083

Class XI (2026-27)

1. Learning Outcomes

Students should be able to:

- a) develop basic computational thinking
- b) explain and use data types
- c) appreciate the notion of algorithms
- d) develop a basic understanding of computer systems- architecture and operating system
- e) explain cyber ethics, cyber safety, and cybercrime
- f) understand the value of technology in societies along with consideration of gender and disability issues.

2. Distribution of Marks

Unit No.	Unit Name	Marks
1	Computer Systems and Organisation	10
2	Computational Thinking and Programming -1	45
3	Society, Law, and Ethics	15
	Total	70

COMPUTER SCIENCE

Subject Code – 083

Class XII (2026-27)

1. Prerequisites

Computer Science- Class XI

2. Learning Outcomes

Student should be able to

- a) apply the concept of function.
- b) explain and use the concept of file handling.
- c) use basic data structure: Stacks
- d) explain basics of computer networks.
- e) use Database concepts, SQL along with connectivity between Python and SQL.

3. Distribution of Marks:

Unit No.	Unit Name	Marks
1	Computational Thinking and Programming — 2	40
2	Computer Networks	10
3	Database Management	20
	Total	70