



BOARD OF INTERMEDIATE EDUCATION :: ANDHRA PRADESH
R.No. 114/C3, 2nd, 3rd & 4th Floors, Eswar Elite , Tadepalli,
Guntur District

From

P.Ranjit Basha, I.A.S.,
 Secretary,
 Board of Intermediate Education,
 Tadepalli, Guntur,
 Andhra Pradesh.

To

All the Principals of Junior
 Colleges offering Intermediate
 courses in the state of Andhra
 Pradesh.

I/4647178/2026, 23-02-2026

Sub: BIEAP - ERTW - Academic Reforms - Change of Syllabus for Intermediate First Year (Modern Languages & Minor Subjects only) and Second Year (14 Subjects) - Implementation from the Academic Year 2026-27 - Regarding.

Ref: 1 . E-office No. 1886275, ESE-51-14023/10/2025-26, dated 21.03.2025 of the ERTW, BIE., AP.
 2. Memo No. 3137156/Exams/2026, dated 12.02.2026.
 3. Proceedings of the 77th Board Meeting of the BIE., A.P.

In continuation of the academic reforms and in accordance with the references cited above, and in order to ensure a smooth academic transition from Intermediate First Year to Second Year, the Board of Intermediate Education, A.P., hereby revises the syllabus in 14 Second Year subjects. Further, the 5 First Year subjects (Modern Languages & Minor Subjects only), which were not revised during the Academic Year 2025-26, are also hereby revised and shall be implemented from the Academic Year 2026-27.

The revised syllabus shall be implemented from the Academic Year 2026-27, as detailed below:

A) Second Year Subjects (14):

1.Sciences: Mathematics, Physics, Chemistry, Botany and Zoology as Biology - (Full NCERT-based syllabus)

2.Arts & Humanities: Civics, Economics, History, Commerce - (Revised BIE syllabus)

3.Languages: English, Telugu, Hindi, Sanskrit, Urdu - (New textbooks as per the revised BIE syllabus)

B) First Year Subjects (5) :

1. Modern Languages: Telugu, Urdu - (As per the revised BIE syllabus)

2. Minor Subjects: Geography, Logic, Public Administration - (As per the revised BIE syllabus)

The detailed syllabus of the above 14 Second Year subjects and 5 First Year subjects (Modern Languages & Minor Subjects only), to be implemented from the Academic Year 2026-27, is enclosed to this circular. The new textbooks aligned with the revised syllabus will be released shortly.

Therefore, all the Principals of Junior Colleges in the State are requested to give wide publicity regarding the revision of the syllabus among students, teaching staff, and other stakeholders to ensure smooth implementation of the revised curriculum from the Academic Year 2026-27.

P. Ranjit Basha I.A.S
DIRECTOR

Enclosures:

1. Syllabus of 14 Second Year subjects w.e.f. Academic Year 2026-27.
2. Syllabus of 5 First Year subjects w.e.f. Academic Year 2026-27.

Syllabus for Second Year Intermediate from Academic Year 2026-27
1 .Mathematics (2nd Year)

1. Relations and Functions

- 1.1 Introduction
- 1.2 Types of Relations
- 1.3 Types of Functions
- 1.4 Composition of Functions and Invertible Function

2. Inverse Trigonometric Functions

- 2.1 Introduction
- 2.2 Basic Concepts
- 2.3 Properties of Inverse Trigonometric Functions

3. Matrices

- 3.1 Introduction
- 3.2 Matrix
- 3.3 Types of Matrices
- 3.4 Operations on Matrices
- 3.5 Transpose of a Matrix
- 3.6 Symmetric and Skew Symmetric Matrices
- 3.7 Invertible Matrices

4. Determinants

- 4.1 Introduction
- 4.2 Determinant
- 4.3 Area of a Triangle
- 4.4 Minors and Cofactors
- 4.5 Adjoint and Inverse of a Matrix
- 4.6 Applications of Determinants and Matrices

5. Continuity and Differentiability

- 5.1 Introduction
- 5.2 Continuity
- 5.3 Differentiability
- 5.4 Exponential and Logarithmic Functions
- 5.5 Logarithmic Differentiation
- 5.6 Derivatives of Functions in Parametric Forms
- 5.7 Second Order Derivative

6. Application of Derivatives

- 6.1 Introduction
- 6.2 Rate of Change of Quantities
- 6.3 Increasing and Decreasing Functions
- 6.4 Maxima and Minima

7. Integrals

- 7.1 Introduction
- 7.2 Integration as an Inverse Process of Differentiation
- 7.3 Methods of Integration
- 7.4 Integrals of Some Particular Functions

- 7.5 Integration by Partial Fractions
- 7.6 Integration by Parts
- 7.7 Definite Integral
- 7.8 Fundamental Theorem of Calculus
- 7.9 Evaluation of Definite Integrals by Substitution
- 7.10 Some Properties of Definite Integrals

8. Application of Integrals

- 8.1 Introduction
- 8.2 Area under Simple Curves

9. Differential Equations

- 9.1 Introduction
- 9.2 Basic Concepts
- 9.3 General and Particular Solutions of a Differential Equation
- 9.4 Methods of Solving First Order, First Degree Differential Equations

10. Vector Algebra

- 10.1 Introduction
- 10.2 Some Basic Concepts
- 10.3 Types of Vectors
- 10.4 Addition of Vectors
- 10.5 Multiplication of a Vector by a Scalar
- 10.6 Product of Two Vectors

11. Three Dimensional Geometry

- 11.1 Introduction
- 11.2 Direction Cosines and Direction Ratios of a Line
- 11.3 Equation of a Line in Space
- 11.4 Angle between Two Lines
- 11.5 Shortest Distance between Two Lines

12. Linear Programming

- 12.1 Introduction
- 12.2 Linear Programming Problem and its Mathematical Formulation

13. Probability

- 13.1 Introduction
- 13.2 Conditional Probability
- 13.3 Multiplication Theorem on Probability
- 13.4 Independent Events
- 13.5 Bayes' Theorem

2. Physics (2nd Year)

1. Electric Charges and Fields

- 1.1 Introduction
- 1.2 Electric Charge
- 1.3 Conductors and Insulators
- 1.4 Basic Properties of Electric Charges
- 1.5 Coulomb's Law
- 1.6 Forces between Multiple Charges
- 1.7 Electric Field
- 1.8 Electric Field lines
- 1.9 Electric Flux
- 1.10 Electric Dipole
- 1.11 DiPole in a Uniform External Field
- 1.12 Continuous Charge Distribution
- 1.13 Gauss's Law
- 1.14 Applications of Gauss's Law

2. Electrostatic Potential and Capacitance

- 2.1 Introduction
- 2.2 Electrostatic Potential
- 2.3 Potential Due to a Point charge
- 2.4 Potential Due to an Electric Dipole
- 2.5 Potential Due to a System of Charges
- 2.6 Equipotential Surfaces
- 2.7 Potential Energy of a System of Charges
- 2.8 Potential Energy in an External Field
- 2.9 Electrostatics of Conductors
- 2.10 Dielectrics and Polarisation
- 2.11 Capacitors and Capacitance
- 2.12 The Parallel Plate Capacitor
- 2.13 Effect of Dielectric on Capacitance
- 2.14 Combination of Capacitors
- 2.15 Energy Stored in a Capacitor

3. Current Electricity

- 3.1 Introduction
- 3.2 Electric Current
- 3.3 Electric Current in Conductors
- 3.4 Ohm's Law
- 3.5 Drift of Electrons and the Origin of Resistivity
- 3.6 Limitations of Ohm's Law
- 3.7 Resistivity of Various Materials
- 3.8 Temperature Dependence of Resistivity
- 3.9 Electrical Energy, Power
- 3.10 Cells, EMF, Internal Resistance
- 3.11 Cells in Series and in Parallel
- 3.12 Kirchhoff's Rules
- 3.13 Wheatstone Bridge

4. Moving Charges and Magnetism

- 4.1 Introduction
- 4.2 Magnetic Force
- 4.3 Motion in a Magnetic Field
- 4.4 Magnetic Field due to a Current Element, Biot-savart Law
- 4.5 Magnetic Field on the Axis of a Circular Current Loop
- 4.6 Ampere's circuital Law
- 4.7 The Solenoid
- 4.8 Force Between Two Parallel Currents, the Ampere
- 4.9 Torque on Current Loop, Magnetic Dipole
- 4.10 The Moving Coil Galvanometer

5. Magnetism and Matter

- 5.1 Introduction
- 5.2 The Bar Magnet
- 5.3 Magnetism and Gauss's Law
- 5.4 Magnetisation and Magnetic Intensity
- 5.5 Magnetic Properties of Materials

6. Electromagnetic Induction

- 6.1 Introduction
- 6.2 The Experiments of Faraday and Henry
- 6.3 Magnetic Flux
- 6.4 Faraday's Law of Induction
- 6.5 Lenz's Law and Conservation of Energy
- 6.6 Motional Electromotive Force
- 6.7 Inductance 6.8 AC Generator

7. Alternating Current

- 7.1 Introduction
- 7.2 AC Voltage Applied to a Resistor
- 7.3 Representation of AC current and Voltage by Rotating Vectors-Phasors
- 7.4 AC Voltage Applied to an Inductor
- 7.5 AC Voltage Applied to a Capacitor
- 7.6 AC Voltage Applied to a Series LCR Circuit
- 7.7 Power in AC Circuit: The Power Factor
- 7.8 Transformers

8. Electromagnetic Waves

- 8.1 Introduction
- 8.2 Displacement Current
- 8.3 Electromagnetic Waves
- 8.4 Electromagnetic Spectrum

9. Ray Optics and Optical Instruments

- 9.1 Introduction
- 9.2 Reflection of Light by Spherical Mirrors
- 9.3 Refraction
- 9.4 Total Internal Reflection
- 9.5 Refraction at Spherical Surfaces and by Lenses
- 9.6 Refraction through a Prism

9.7 Optical Instruments

10. Wave Optics

10.1 Introduction

10.2 Huygens Principle

10.3 Refraction and Reflection of Plane Waves using Huygens Principle

10.4 Coherent and Incoherent Addition of Waves

10.5 Interference of Light Waves and Young's Experiment

10.6 Diffraction

10.7 Polarisation

11. Dual Nature of Radiation and Matter

11.1 Introduction

11.2 Electron Emission

11.3 Photoelectric Effect

11.4 Experimental Study of Photoelectric Effect

11.5 Photoelectric Effect and Wave Theory of Light

11.6 Einstein's Photoelectric Equation: Energy Quantum of Radiation

11.7 Particle Nature of Light: The Photon

11.8 Wave Nature of Matter

12. Atoms

12.1 Introduction

12.2 Alpha-particle Scattering and Rutherford's Nuclear Model of Atom

12.3 Atomic Spectra

12.4 Bohr Model of the Hydrogen Atom

12.5 The Line Spectra of the Hydrogen Atom

12.6 De Broglie's Explanation of Bohr's Second Postulate of Quantisation

13. Nuclei

13.1 Introduction

13.2 Atomic masses and composition of Nucleus

13.3 Size of the Nucleus

13.4 Mass - energy, and Nuclear binding energy

13.5 Nuclear force

13.6 Radioactivity

13.7 Nuclear energy

14. Semiconductor Electronics: Materials, Devices and Simple Circuits

14.1 Introduction

14.2 Classification of Metals, Conductors and Semiconductors

14.3 Intrinsic Semiconductor

14.4 Extrinsic Semiconductor

14.5 p-n Junction

14.6 Semiconductor Diode

14.7 Application of Junction Diode as a Rectifier

3. Chemistry (2nd Year)

1. Solutions

- 1.1 Types of Solutions
- 1.2 Expressing Concentration of Solutions
- 1.3 Solubility
- 1.4 Vapour Pressure of Liquid Solutions
- 1.5 Ideal and Non-ideal Solutions
- 1.6 Colligative Properties and Determination of Molar Mass
- 1.7 Abnormal Molar Masses

2. Electrochemistry

- 2.1 Electrochemical Cells
- 2.2 Galvanic Cells
- 2.3 Nernst Equation
- 2.4 Conductance of Electrolytic Solutions
- 2.5 Electrolytic Cells and Electrolysis
- 2.6 Batteries
- 2.7 Fuel Cells
- 2.8 Corrosion

3. Chemical Kinetics

- 3.1 Rate of a Chemical Reaction
- 3.2 Factors Influencing Rate of a Reaction
- 3.3 Integrated Rate Equations
- 3.4 Temperature Dependence of the Rate of a Reaction
- 3.5 Collision Theory of Chemical Reactions

4. The d- and f-Block Elements

- 4.1 Position in the Periodic Table
- 4.2 Electronic Configurations of the d-Block Elements
- 4.3 General Properties of the Transition Elements (d-Block)
- 4.4 Some Important Compounds of Transition Elements
- 4.5 The Lanthanoids
- 4.6 The Actinoids
- 4.7 Some Applications of d- and f-Block Elements

5. Coordination Compounds

- 5.1 Werner's Theory of Coordination Compounds
- 5.2 Definitions of Some Important Terms Pertaining to Coordination Compounds
- 5.3 Nomenclature of Coordination Compounds
- 5.4 Isomerism in Coordination Compounds
- 5.5 Bonding in Coordination Compounds
- 5.6 Bonding in Metal Carbonyls
- 5.7 Importance and Applications of Coordination Compounds

6. Haloalkanes and Haloarenes

- 6.1 Classification
- 6.2 Nomenclature
- 6.3 Nature of C–X Bond
- 6.4 Methods of Preparation of Haloalkanes

- 6.5 Preparation of Haloarenes
- 6.6 Physical Properties
- 6.7 Chemical Reactions
- 6.8 Polyhalogen Compounds

7. Alcohols, Phenols and Ethers

- 7.1 Classification
- 7.2 Nomenclature
- 7.3 Structures of Functional Groups
- 7.4 Alcohols and Phenols
- 7.5 Some Commercially Important Alcohols
- 7.6 Ethers

8. Aldehydes, Ketones and Carboxylic Acids

- 8.1 Nomenclature and Structure of Carbonyl Group
- 8.2 Preparation of Aldehydes and Ketones
- 8.3 Physical Properties
- 8.4 Chemical Reactions
- 8.5 Uses of Aldehydes and Ketones
- 8.6 Nomenclature and Structure of Carboxyl Group
- 8.7 Methods of Preparation of Carboxylic Acids
- 8.8 Physical Properties
- 8.9 Chemical Reactions
- 8.10 Uses of Carboxylic Acids

9. Amines

- 9.1 Structure of Amines
- 9.2 Classification
- 9.3 Nomenclature
- 9.4 Preparation of Amines
- 9.5 Physical Properties
- 9.6 Chemical Reactions
- 9.7 Method of Preparation of Diazonium Salts
- 9.8 Physical Properties
- 9.9 Chemical Reactions
- 9.10 Importance of Diazonium Salts in Synthesis of Aromatic Compounds

10. Biomolecules

- 10.1 Carbohydrates
- 10.2 Proteins
- 10.3 Enzymes
- 10.4 Vitamins
- 10.5 Nucleic Acids
- 10.6 Hormones

4. Biology (2nd Year)

Part - A: Botany

Unit I: Reproduction

Chapter 1: Sexual Reproduction in Flowering Plants

- 1.1 Flower – A Fascinating Organ of Angiosperms
- 1.2 Pre-fertilisation: Structures and Events
- 1.3 Double Fertilisation
- 1.4 Post-fertilisation: Structures and Events
- 1.5 Apomixis and Polyembryony

Unit II Genetics and Evolution

Chapter 2: Principles of Inheritance and Variation

- 2.1 Mendel's Laws of Inheritance
- 2.2 Inheritance of One Gene
- 2.3 Inheritance of Two Genes

Chapter 3: Molecular Basis of Inheritance

- 3.1 The DNA
- 3.2 The Search for Genetic Material
- 3.3 RNA World
- 3.4 Replication
- 3.5 Transcription
- 3.6 Genetic Code
- 3.7 Translation
- 3.8 Regulation of Gene Expression

Unit III Biology in Human Welfare

Chapter 4: Microbes in Human Welfare

- 4.1 Microbes in Household Products
- 4.2 Microbes in Industrial Products
- 4.3 Microbes in Sewage Treatment
- 4.4 Microbes in Production of Biogas
- 4.5 Microbes as Biocontrol Agents
- 4.6 Microbes as Biofertilisers

Unit IV Biotechnology

Chapter 5: Biotechnology Principles, Processes and Applications

- 5.1 Principles of Biotechnology
- 5.2 Tools of Recombinant DNA Technology
- 5.3 Processes of Recombinant DNA Technology
- 5.4 Biotechnological applications in Agriculture

Unit V Ecology

Chapter 6: Ecosystem

- 6.1 Ecosystem–Structure and Function
- 6.2. Productivity
- 6.3 Decomposition
- 6.4 Energy Flow
- 6.5 Ecological Pyramids

Part B - Zoology

Unit I: Reproduction

Chapter 1: Human Reproduction

- 1.1 The Male Reproductive System
- 1.2 The Female Reproductive System
- 1.3 Gametogenesis
- 1.4 Menstrual Cycle
- 1.5 Fertilization and Implantation
- 1.6 Pregnancy and Embryonic Development
- 1.7 Parturition and Lactation

Chapter 2: Reproductive Health

- 2.1 Reproductive Health – Problems and Strategies
- 2.2 Population Explosion and Birth Control
- 2.3 Medical Termination of Pregnancy
- 2.4 Sexually Transmitted Diseases
- 2.5 Infertility

Unit II Genetics and Evolution

Chapter 3: Principles of Inheritance and Variation

- 3.1 Polygenic Inheritance
- 3.2. Pleiotropy
- 3.3. Sex Determination
- 3.4. Mutation
- 3.5. Genetic Disorders

Chapter 4: Molecular Basis of Inheritance

- 4.1 Human Genome Project
- 4.2 DNA Fingerprinting

Chapter 5: Evolution

- 5.1 Origin of Life
- 5.2 Evolution of Life Forms - A Theory
- 5.3 What are the Evidences for Evolution?
- 5.4 What is Adaptive Radiation?
- 5.5 Biological Evolution
- 5.6 Mechanism of Evolution
- 5.7 Hardy - Weinberg Principle
- 5.8 A Brief Account of Evolution
- 5.9 Origin and Evolution of Man

Unit III Biology in Human Welfare

Chapter 6: Human Health and Disease

- 6.1 Common Diseases in Humans
- 6.2 Immunity
- 6.3 AIDS
- 6.4 Cancer
- 6.5 Drugs and Alcohol Abuse

Unit IV Biotechnology

Chapter 7: Biotechnology and its Applications

7.1 Biotechnological Applications in Medicine

7.2 Transgenic Animals

7.3 Ethical Issues

Unit V Ecology

Chapter 8: Organisms and Populations

8.1 Populations

Chapter 9: Biodiversity and Conservation

9.1 Biodiversity

9.2 Biodiversity Conservation

5. Civics (2nd Year)

CHAPTER – 1: The Constitution of India

- 1.0 Introduction
- 1.1 The Constitution
- 1.2 Historical Background of the Indian Constitution
 - 1.2.1 The Company Rule (1773-1858)
 - 1.2.2 Crown Rule (1858-1947)
- 1.3 The Making of the Indian Constitution
 - 1.3.1 Composition of the Constituent Assembly
 - 1.3.2 Working of the Constituent Assembly
 - 1.3.3 Objectives Resolution
 - 1.3.4 Changes through the Independence Act
 - 1.3.5 Other functions performed
 - 1.3.6 Committees of the Constituent Assembly
 - 1.3.7 Enactment of the Constitution
 - 1.3.8 Enforcement of the Constitution
 - 1.3.9 Important Facts about the Constituent Assembly and the Constitution
- 1.4 Sources of the Indian Constitution
- 1.5 Preamble of the Indian Constitution
 - 1.5.1 Ingredients of the Preamble
 - 1.5.2 Significance of the Preamble
 - 1.5.3 Preamble as part of the Constitution
 - 1.5.4 Amendability of the Preamble
- 1.6 Salient Features of the Indian Constitution

CHAPTER – 2: Fundamental Rights and Directive Principles of State Policy

- 2.0 Introduction
- 2.1 Fundamental Rights
 - 2.1.1 Evolution of Fundamental Rights
 - 2.1.2 Characteristic Features of Fundamental Rights
 - 2.1.3 Importance of Fundamental Rights
 - 2.1.4 Analysis of Fundamental Rights
- 2.2 Directive Principles of State Policy
 - 2.2.1 Evolution of Directive Principles
 - 2.2.2 Characteristic Features of Directive Principles of State Policy
 - 2.2.3 Analysis of Directive Principles of State Policy
 - 2.2.4 Classification of Directive Principles of State Policy
 - 2.2.5 Significance of Directive Principles of State Policy
 - 2.2.6 Differences between Fundamental Rights and Directive Principles of State Policy
 - 2.2.7 Conflict between Fundamental Rights and Directive Principles of State Policy
 - 2.2.8 Cases and Amendments
- 2.3 Fundamental Duties
 - 2.3.1 Relevance of Fundamental Duties
 - 2.3.2 Significance of Fundamental Duties

CHAPTER – 3: The Union Executive

- 3.0 Introduction
- 3.1 Union Executive
- 3.2 The President of India
 - 3.2.1 Qualifications

- 3.2.2 Election
- 3.2.3 Oath or Affirmation by the President
- 3.2.4 Conditions of the President's Office
- 3.2.5 Salary and Allowances
- 3.2.6 Privileges and Immunities of President
- 3.2.7 Term of Office
- 3.2.8 Impeachment Procedure
- 3.2.9 Vacancy in the President's Office
- 3.2.10 Powers and Functions of the President
- 3.2.11 Discretionary Powers of the President
- 3.3 The Vice-President of India
 - 3.3.1 Qualification for Election as the Vice-President
 - 3.3.2 Election of the Vice-President
 - 3.3.3 Oath or Affirmation of Vice-President
 - 3.3.4 Term of Office
 - 3.3.5 Removal of the Vice-President
 - 3.3.6 Vacancy in the Office of the Vice-President
 - 3.3.7 Salary and Allowance of the Vice-President
 - 3.3.8 Powers and Functions of the Vice-President
- 3.4 The Prime Minister of India
 - 3.4.1 Appointment of the Prime Minister
 - 3.4.2 Oath of the Prime Minister
 - 3.4.3 Term of the Prime Minister
 - 3.4.4 Salary and Allowances of the Prime Minister
 - 3.4.5 Powers and Functions of the Prime Minister
 - 3.4.6 Important Comments on the Prime Minister
- 3.5 Union Council of Ministers
 - 3.5.1 Constitutional Provisions
 - 3.5.2 Composition of the Council of Ministers
 - 3.5.3 Qualifications
 - 3.5.4 Appointment of Ministers
 - 3.5.5 Oath of Ministers
 - 3.5.6 Tenure
 - 3.5.7 Salary of the Ministers
 - 3.5.8 Responsibilities of the Ministers

CHAPTER – 4: Union Legislature

- 4.0 Introduction
- 4.1 Union Legislature
- 4.2 Unique Features of the Union Legislature
- 4.3 Lok Sabha
 - 4.3.1 Composition
 - 4.3.2 Delimitation of Constituencies
 - 4.3.3 Electoral College of Lok Sabha
 - 4.3.4 Elections to the Lok Sabha
 - 4.3.5 Reservation of Seats for SCs and STs in the Lok Sabha
 - 4.3.6 Reservation of Seats for Women in the Lok Sabha
 - 4.3.7 Allocation of Seats in Parliament for States and Union Territories
 - 4.3.8 Qualifications
 - 4.3.9 Term of Office and Dissolution
 - 4.3.10 Oath or Affirmation

- 4.3.11 Salary and Allowances
- 4.3.12 Sessions of Lok Sabha
- 4.3.13 Quorum of Lok Sabha
- 4.4 The Speaker of the Lok Sabha
 - 4.4.1 Election of the Speaker
 - 4.4.2 Tenure of the Speaker
 - 4.4.3 Method of Removal
 - 4.4.4 Salary and Allowances
 - 4.4.5 Powers and Functions of the Speaker
 - 4.4.6 Deputy Speaker
 - 4.4.7 Pro-tem Speaker
 - 4.4.8 Panel of Speakers
- 4.5 Rajya Sabha
 - 4.5.1 Composition
 - 4.5.2 Electoral College for Rajya Sabha
 - 4.5.3 Qualifications
 - 4.5.4 Term of Office-Dissolution
 - 4.5.5 Quorum in Rajya Sabha
- 4.6 Chairperson of Rajya Sabha
 - 4.6.1 Deputy Chairperson
 - 4.6.2 Panel of Vice-Chairpersons
 - 4.6.3 Powers and Functions of the Chairperson of the Rajya Sabha
- 4.7 Powers and Functions of the Union Legislature
 - 4.7.1 Position of the Rajya Sabha
- 4.8 Types of Bills in the Parliament
- 4.9 Law-Making Procedure in the Parliament
- 4.10 Important Matters in the Parliament
- 4.11 Parliamentary Committees
- 4.12 Financial Committees
 - 4.12.1 Public Accounts Committee
 - 4.12.2 Estimates Committee
 - 4.12.3 Committee on Public Undertakings
- 4.13 Permanent Committees
 - 4.13.1 Departmentally Related Standing Committees
 - 4.13.2 Other Permanent Committees
- 4.14 Ad-hoc Committees
- 4.15 Amendment Procedure of the Indian Constitution
 - 4.15.1 Procedure for Amendment under Article 368
- 4.16 Vacation of Seat by a Member of Parliament
- 4.17 Disqualifications of a Member of Parliament
 - 4.17.1 Additional Disqualifications under the Representation of the People Act-1951
 - 4.17.2 Disqualifications under the Tenth Schedule
 - 4.17.3 Exception to Disqualifications under the Tenth Schedule
 - 4.17.4 Decision on Disqualification
 - 4.17.5 Time Limit for Decision
- 4.18 Significance of the Union Legislature

CHAPTER – 5: Union Judiciary

5.0 Introduction

5.1 The Supreme Court of India

- 5.1.1 Historical Evolution
- 5.1.2 Constitutional Provisions
- 5.1.3 Composition
- 5.1.4 Seat of the Supreme Court
- 5.1.5 Language and Procedure
- 5.1.6 Bench Composition and Case Hearings
- 5.1.7 Appointment of Judges
- 5.1.8 Qualifications
- 5.1.9 Salary and Allowances
- 5.1.10 Terms of Office and Removal
- 5.1.11 Immunities of Judges

5.2 Powers and Functions of the Supreme Court

5.3 Judicial Review

- 5.3.1 Definition
- 5.3.2 Constitutional Basis
- 5.3.3 Scope of Judicial Review
- 5.3.4 Importance of Judicial Review
- 5.3.5 Review of its own Judgements
- 5.3.6 Criticism of Judicial Review

5.4 Judicial Activism

- 5.4.1 Causes for Judicial Activism
- 5.4.2 Judicial Activism in India
- 5.4.3 Landmark Supreme Court Judgements Illustrating Judicial Activism
- 5.4.4 Merits and Demerits of Judicial Activism

5.5 Public Interest Litigation

- 5.5.1 Suo Moto

5.6 Judicial Independence in India

5.7 The Attorney General of India

- 5.7.1 Qualifications
- 5.7.2 Pay and Allowances
- 5.7.3 Removal
- 5.7.4 Powers and Functions

CHAPTER – 6: The State Executive

6.0 Introduction

6.1 State Executive

6.2 The Governor

- 6.2.1 Qualifications
- 6.2.2 Appointment
- 6.2.3 Pay and Allowances
- 6.2.4 Oath of Office
- 6.2.5 Tenure, Resignation and Vacancy of the Governor
- 6.2.6 Removal
- 6.2.7 Immunities
- 6.2.8 Powers and Functions of the Governor
- 6.2.9 Special Responsibilities of Governor
- 6.2.10 Lieutenant Governors of Union Territories in India
- 6.2.11 Role and Functions of the Lieutenant Governor

- 6.3 The Chief Minister
 - 6.3.1 Qualifications
 - 6.3.2 Appointment
 - 6.3.3 Tenure
 - 6.3.4 Powers and Functions of the Chief Minister
 - 6.3.5 Relationship with the Governor
- 6.4 The State Council of Ministers
 - 6.4.1 Composition
 - 6.4.2 Size of the Council of Ministers
 - 6.4.3 Qualifications
 - 6.4.4 Appointment
 - 6.4.5 Tenure
 - 6.4.6 Removal
 - 6.4.7 Powers and Functions of the Council of Ministers
 - 6.4.8 Position of the State Council of Ministers
 - 6.4.9 Relationship between the Governor and State Council of Ministers

CHAPTER – 7: The State Legislature

- 7.0 Introduction
- 7.1 Legislative Assembly
 - 7.1.1 Composition
 - 7.1.2 Qualifications
 - 7.1.3 Oath or Affirmation
 - 7.1.4 Salaries and Allowances
 - 7.1.5 Tenure
 - 7.1.6 Speaker and Deputy Speaker
 - 7.1.7 Sessions of the State Legislative Assembly
 - 7.1.8 Quorum
 - 7.1.9 Privileges
 - 7.1.10 Powers and Functions of State Legislative Assembly
- 7.2 Legislative Council
 - 7.2.1 Composition
 - 7.2.2 Qualifications
 - 7.2.3 Tenure
 - 7.2.4 Chairperson and Deputy Chairperson
 - 7.2.5 Powers and Functions of the Chairperson
 - 7.2.6 Powers and Functions of the Deputy Chairperson
 - 7.2.7 Powers and Functions of State Legislative Council
 - 7.2.8 Supremacy of Legislative Assembly over the Legislative Council
 - 7.2.9 Position of the State Legislature
- 7.3 Legislative Committees
 - 7.3.1 Types of Committees
 - 7.3.2 Public Accounts Committee
 - 7.3.3 Estimates Committee

CHAPTER – 8: State Judiciary

- 8.0 Introduction
- 8.1 The High Court
 - 8.1.1 List of High Courts
 - 8.1.2 Composition
 - 8.1.3 Appointments of Judges

- 8.1.4 Qualification of Judges
- 8.1.5 Salary and Allowances
- 8.1.6 Tenure
- 8.1.7 Method of Removal
- 8.1.8 Transfer of High Court Judges
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- 5.1.2 Meaning and Definition of Consumer
- 5.1.3 Consumerism
- 5.1.4 Consumer Protection
- 5.1.5 Rights of Consumers
- 5.1.6 Responsibilities of Consumers
- 5.1.7 Ways to Achieve Consumer Protection
- 5.1.8 Who Can File a Complaint
- 5.1.9 Redressal Mechanism of Consumer Protection
- 5.1.10 Comparison between COPRA 1986 and CPA 2019
- 5.1.11 Important Consumer Organizations in India
- 5.1.12 Summary

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- 5.2.2 Objectives of GST
- 5.2.3 Benefits of GST
- 5.2.4 Challenges of GST
- 5.2.5 GST 2.0 – 2025 Reforms
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- 6.2 Characteristics of Management
- 6.3 Importance of Management
- 6.4 Functions of Management
- 6.5 Levels of Management
- 6.6 Principles of Management
- 6.7 Summary

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- 7.2 Importance of Entrepreneurship
- 7.3 Entrepreneur
- 7.4 Characteristics and Role of an Entrepreneur
- 7.5 Entrepreneur vs Businessman
- 7.6 Innovation in Business
- 7.7 Business & Business Models
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- 1.2 Need for Depreciation
- 1.3 Causes of Depreciation
- 1.4 Accounting Treatment of Depreciation
- 1.5 Methods of Providing Depreciation
- 1.6 Straight Line Method
- 1.7 Reducing Balance Method
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- 1.8 Summary

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- 2.1 Introduction
- 2.2 Characteristics (Features)
- 2.3 Accounting Records to be Maintained by Non-Trading Concerns
- 2.4 Preparation / Procedure of Accounts
- 2.5 Distinction Between Trading and Non-Trading Concerns
- 2.6 Preparation of Receipts & Payments Account
- 2.7 Preparation of Income & Expenditure Account
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- 2.9 Summary

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- 3.2 Features of a Partnership
- 3.3 Partnership Deed
- 3.4 Accounting Treatment for Partnership Firm
- 3.5 Summary

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 - 4.1.1 New Profit Sharing Ratio
 - 4.1.2 Revaluation of Assets and Liabilities
 - 4.1.3 Distribution of Accumulated Profits / Losses and Reserves
 - 4.1.4 Treatment of Goodwill
 - 4.1.5 Adjustment of Partners' Capitals
- 4.2 Summary

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- 5.2 Meaning and Definition

- 5.3 Reasons for Dissolution of Partnership Firm
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- 7.2 Meaning and Definition
- 7.3 Features of Accounts from Incomplete Records
- 7.4 Uses of Accounts from Incomplete Records
- 7.5 Limitations of Accounts from Incomplete Records
- 7.6 Differences Between Single Entry System and Double Entry System
- 7.7 Preparing Statement of Affairs
- 7.8 Difference Between Statement of Affairs and Balance Sheet
- 7.9 Ascertainment of Profit or Loss of Business
- 7.10 Summary

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- 8.2 Computers in Accounting
- 8.3 Process of Computerised Accounting System
- 8.4 Driving Forces of Computerised Accounting System
- 8.5 Comparison of Manual and Computerized Accounting System
- 8.6 Advantages of Computerized Accounting System
- 8.7 Limitations of Computerized Accounting System
- 8.8 Sources of Accounting Software
- 8.9 Tally Prime Basics
- 8.10 Summary

9. English (2nd Year)
ODYSSEY-II

UNIT 1

Kindly Adjust to Our English
Once Upon a Time

UNIT 2

"I Am Sorry"- The Three Hardest Words to Say.
Hiroshima Child

UNIT 3

I have a Dream
My Vocation

UNIT 4

The Hound of Baskervilles

Communication Skills

1. Conversation Practice
2. Letter Writing
3. Cloze Test
4. Reading Comprehension
5. Non-Verbal Information
6. One Word Substitutions
7. Note Making 8. Resume Writing
9. Form Filling
10. Idioms and Phrases
11. Word Stress

10. Telugu (2nd Year)

I. పద్యభాగం

1. చారుచర్య
2. కాళీయమర్దనం
3. పద్యరత్నాలు
4. నాన్నకోసం
5. మాతృభాష

II. గద్యభాగం

1. రంగాజమ్మ
2. తెలుగులో అన్యదేశ్యాలు
3. ఆదర్శగురువు నాయుడుగారు
4. రాయలవారికల
5. తెలుగుదనము

III. ఉపవాచకం

1. ఆంధ్రకేసరి టంగుటూరి ప్రకాశం
2. గిడుగు రామ్మూర్తి
3. వాఙ్మయ కిరీటి కొర్లపాటి

IV. వ్యాకరణాంశాలు

1. క్రియావిభాగము
2. ఛందస్సు
3. అలంకారాలు
4. వర్ణమాల- పారిభాషికపదములు
5. సంక్షిప్తీకరణ

11. Sanskrit (2nd Year)

I. पद्यभागा

1. विष्णुभक्तिः अम्बरीषः
2. कृष्णप्रबोधः
3. सुक्तिरत्नावली
4. ऋतुषताकामा
5. विवेकानन्दः

II. गद्यभागः

1. विश्वामित्रचरितम्
2. दयावीरोविक्रमः
3. लक्ष्मीचंचल्यम्
4. धर्मपरीक्षा
5. गद्यनैषधम्

III. उपवाचकम्

1. शकुन्तला पतिगृहं प्रतिष्ठते
2. रघुकौत्सम्
3. सङ्कल्पदृढता

IV. व्याकरणम्

1. शब्दरूपाणि
2. सन्धयः
3. समासाः
4. वाक्यनिर्माणम्

12. Hindi (2nd Year)

I. पद्यभाग

1. तुलसीदास जी के पद
2. मीरा बाई की पदावली
3. पंचवटी
4. वह तोड़ती पत्थर
5. यात्रा और यात्री

II. गद्यभाग

1. भेड़ें और भेड़िये (कहानी)
2. युवाओं से
3. पुरस्कार
4. सुखी राजकुमार
5. सहपाठी (बांग्ला कहानी)

III. उपवाचकम्

1. जॉक
2. वीर अभिमन्यु
3. रेशमी टाई

IV. सुबोध व्याकरण

1. कारक
2. काल
3. संधि
4. समास
5. अनुवाद
6. वाक्यों का शुद्ध रूप
7. सार लेखन या संक्षेपीकरण
8. अपठित गद्यांश

انٹرمیڈیٹ سالِ دُوم ریاضِ ادب

فہرست

صفحہ نمبر	شاعر / مصنف	نظم / مضمون	صنف	سلسلہ نمبر
حصہ شاعری				
	مظفر حنفی	مرنے کا تمنائی خیرات میں کیا دیتا	غزل	1
	کرشن کمار طور	اک اندھیرا ہے روشنی کے خلاف	غزل	2
	راہی فدائی	گلوں کو بونہ ملی، شب کو چاندنی نہ ملی	غزل	3
	کریم رومانی	نیامکان	نظم	4
	راجا مہدی علی خان	کرائے کا مکان	نظم	5
16-43				
حصہ نثر				
	قرآۃ العین حیدر	ڈالنے والا (تلخیص)	افسانہ	1
	قاضی عبدالستار	پیتل کا گھنٹا	افسانہ	2
	جوگندر پال	(1) مسافر (2) سانپ	افسانچے	3
	اے-پی-جے عبدالکلام	بچپن کی یادیں (تلخیص)	مضمون	4
	اطہر پرویز	ادب کیا ہے؟ (منتخب حصہ)	مضمون	5

حصہ قواعد

- 1 حرف کی تعریف اور حرف کی اقسام
- (1) حرف ربط (2) حرف عطف (3) حرف تخیص (4) حرف فجائیہ
- 2 مفرد امر کب اور مشتق الفاظ مع سابقہ ولاحقہ
- 3 متضاد اور مترادف الفاظ
- 4 جملے کی ساخت اور جملے کی اقسام
- جملے کی اقسام: (1) مفرد جملہ (2) مرکب جملہ
- 5 رموز او قاف
- (1) ختمہ (2) سکتہ (3) وقفہ (4) رابطہ (5) فجائیہ (6) سوالیہ (7) واوین (8) توسین

سوالات

حصہ سرسری مطالعہ

- 1 مضمون شیخ نیازی (تلخیص) از رشید احمد صدیقی
- 2 مضمون بچے از پطرس بخاری
- 3 مضمون چوپٹ راجا کی پریس کانفرنس از فکر تونسوی
- 4 مضمون کرکٹ (تلخیص) از مشتاق احمد یوسفی
- 5 مضمون اردو کی نئی بستیاں از مجتبیٰ حسین

Syllabus for First Year Intermediate from Academic Year 2026-27

Modern Languages

1. Telugu (1ST YEAR)

తెలుగు లోగిలి

I. పద్యభాగం

1. ధర్మవ్యాహం
2. హితబోధ
3. సుభద్రా కల్యాణం
4. రాయబారం
5. ముగ్గురు వాగ్గేయకారులు
6. రాజ ధర్మం

II. గద్యభాగం

1. విద్య-వివేకం
2. సిద్ధాశ్రమం
3. సాహిత్య సంస్కారి
4. తెలుగు వీర లేవరా!
5. కథకులకు చిట్కాలు
6. ముఖముఖి

III. కావ్యలక్షణ భాగం

1. కావ్య స్వరూపం- నిర్వచనాలు
2. కావ్య భేదాలు

IV. ఛందోలంకార భాగం

1. ఛందస్సు
2. అలంకారాలు

Modern Language URDU (First Year)

ماڈرن لینگویج اردو - سال اول

فہرست

مصنف / شاعر	مضمون / نظم	سلسلہ نمبر	صنف
			غزل
			نظمیں
میر تقی میر	جس سر کو غرور آج ہے یاں تاج وری کا	1	
مرزا غالب	عشرت قطرہ ہے دریا میں فنا ہو جانا	2	
داغ دہلوی	ساز، یہ کینہ ساز کیا جانیں	3	
حسرت موہانی	نگاہ ناز جسے آشنائے راز کرے	4	
فانی بدایونی	اک معمہ ہے، سمجھنے کا نہ سمجھانے کا	5	
فراق گورکھ پوری	بندگی سے کبھی نہیں ملتی	6	
مجروح سلطان پوری	جلا کے مشعل جاں ہم جنوں صفات چلے	7	
عقیل جامد	غصہ و نفرت کا اس پر جب اثر ہو جائے گا	8	
مولانا حالی	خود ستائی	9	
علامہ اقبال	چاند اور تارے	10	
فیض احمد فیض	تنہائی	11	
مخدوم محی الدین	مستقبل	12	
اختر الایمان	اعتماد	13	
بلراج کومل	سرکس کا گھوڑا	14	
محمد علوی	گھر	15	
یوسف صفی	میجا	16	

دیگر اصناف

از جوش ملیح آبادی	غنجے! تری زندگی پہ دل بہتا ہے	رباعی (1)	17
از	پھولوں کی اگر ہوس ہے 'خاروں کو نہ دیکھ	رباعی (2)	
از نریش کمار شاد	اس قدر راز جو نہ ہو جاؤں!	قطعہ (1)	18
از	زندگانی کا پاس دار ہے آج	قطعہ (2)	
از ساغر جیدی	گل بوٹے، مے، رُت، کرن، سب ہیں اس کے نام	دوہا (1)	19
از	ساغر! ایسے بیٹھے ہیں اپنوں کے بیچ	دوہا (2)	
از	بے ہنری کے جام سے، پی کراک دو گھونٹ	دوہا (3)	
از	میں ہوں ساغر جیدی، وہ ہیں جاگی رآم	دوہا (3)	
از زبیر رضوی	یہ ہے میرا ہندوستان (منتخب بند)	گیت	20

حصہ نثر

از منشی پریم چند	نرملہ (منتخب ابواب)	1	ناول
از کرشن چندر	دروازہ	2	ڈراما
از راجندر سنگھ بیدی	گرم کوٹ	3	افسانہ
از جیلانی بانو	اڈو	4	
از سعادت حسن منٹو	بن بلائے مہمان	5	انشائیہ
از صدیق قیس قمرنگری	انگلی	6	
از اقبال متین	ہاشم بھائی	7	خاکہ
از ثناء اللہ عمری	آں جہانی.....	8	
از ڈاکٹر عبدالحق کرنولی	سفر و سیاحت	9	مضمون
از سید حامد	پانچ نکاتی بیچ پروگرام	10	
از فکر تونسوی	وارنٹ گرفتاری	11	طنز و مزاح
از یوسف ناظم	اشتہاروں کے بیچ	12	
از مجتبیٰ حسین	ہم تاشقند سے بول رہے ہیں	13	سفر نامہ

Minor Subjects
3. GEOGRAPHY-1 (1st Year)

CHAPTER- 1. Fundamentals of Physical Geography

- 1.1. Introduction to Geography
- 1.2. Development of Geography
- 1.3. Geography as an integrating Discipline
- 1.4. Branches of Geography
- 1.5. Nature and Scope of Physical Geography

CHAPTER- 2. Earth and Universe

- 2.1. Origin and Evolution of Solar System
- 2.2. Rotation and Revolution of the Earth and their effects
- 2.3. Latitudes and Longitudes
- 2.4. Standard Time and International Date Line

CHAPTER – 3. Internal Structure

- 3.1. Internal Structure of the Earth
- 3.2. Continental Drift and Plate Tectonics
- 3.3. Rocks

CHAPTER 4. Geomorphology

- 4.1 Landforms and their evolution Mountains, Plateaus
- 4.2. Geomorphic Processes Endogenetic forces
- 4.3. Geomorphic Processes - Exogenetic forces
- 4.4. Erosional and depositional features of various Geon

CHAPTER-5. Climatology

- 5.1. Introduction
- 5.2. Elements of Weather and Climate
- 5.3. Structure and Composition of Atmosphere
- 5.4. Insolation
- 5.5. Heat Budget of the Planet Earth
- 5.6. Temperature
- 5.7. Atmospheric Pressure
- 5.8. Atmospheric Circulation Primary, Secondary and Tertiary
- 5.9 Precipitation

CHAPTER 6. Hydrology

- 6.1 Introduction
- 6.2. Elements of Hydrological Cycle
- 6.2. Hydrological Cycle

CHAPTER-7. Oceanography

- 7.1. Introduction
- 7.2. Bathymetric relief of oceans
- 7.3. Movement of Ocean Waters
- 7.4. Salinity
- 7.5. Ocean Deposits

- 7.6. Ocean Resources
- 7.7. Oceanic Pollution and Effects

CHAPTER 8. Natural Hazards and Disasters

Introduction to Geography

- 8.1. Earth Quakes
- 8.2. Volcanoes
- 8.3. Landslides
- 8.4. Cloud Bursts and Floods.
- 8.5. Tsunamis
- 8.6. Cyclones
- 8.7. Droughts

CHAPTER-9. Biogeography

- 9.1. Ecosystem and Ecological Balance
- 9.2. Biomes
- 9.3. Climate Changes and Global Concerns

4. PUBLIC ADMINISTRATION (1st YEAR)

Unit-1 Introduction

- 1.0 Introduction
- 1.1 Meaning of Public Administration
- 1.2 Definitions of Public Administration
- 1.3 Nature of public administration
- 1.4 Scope of Public Administration
- 1.5 Importance of Public Administration

Unit - II Evolution and Growth of Public Administration

- 2.1 Politics and Public Administration Dichotomy
- 2.2 Public and Private Administration
- 2.3 Minnowbrook Conference 1&2
- 2.4 Philadelphia Conference
- 2.5 Globalization and Public Administration
- 2.6 Liberalisation and Public Administration
- 2.7 Privatisation and Public Administration

Unit - III Public Administration and its Relation with Social Sciences

- 3.1 History
- 3.2 Political Science
- 3.3 Economics
- 3.4 Law
- 3.5 Sociology
- 3.6 Psychology

Unit-IV Traditional theories of Organisation

- 4.0 Introduction
- 4.1 Classical theory (Gullick & Urwick)
- 4.2 Scientific Management Theory (F.W.Taylor)
- 4.3 Administrative Management Theory (Henry Fayol)
- 4.4. Bureaucratic theory (Hegel & Weber)

Unit- V Modern theories of theories of Organisation

- 5.1 Human Relations Theory (Elton Mayo)
- 5.2 Behavioural Theory (Herbert Simon)
- 5.3 Systems Theory (David Easton)
- 5.4 Ecological Theory (F.W. Riggs)

Unit- VI Principles of Organization - I

- 6.0 Introduction
- 6.1 Nature of Organisation
- 6.2 Objective of Organization
- 6.3 Importance of Organization
- 6.4 Hierarchy
- 6.5 Division of work
- 6.6 Unity of Command

Unit- VII Principles of Organization - II

- 7.1 Co-ordination
- 7.2 Span of Control
- 7.3 Centralization and Decentralization
- 7.4 Communication
- 7.5 Planning
- 7.6 Line and Staff Agencies
- 7.7. Leadership

Unit XIII Personnel Administration

- 8.1 Introduction
- 8.2 Recruitment
- 8.3 Training
- 8.4 Promotion
- 8.5 Recruiting Agencies (UPSC, SPSC, SSC)

Unit IX Financial Administration

- 9.1 Introduction
- 9.2 Meaning of Budget
- 9.3 Importance of Budget
- 9.4 Principles of Budget
- 9.5 Preparation of Budget
- 9.6 Enactment of Budget
- 9.7 Execution of Budget
- 9.8 Accounting and Auditing

Unit X Control over Administration

- 10.1. Introduction
- 10.2. Legislative Control
- 10.3. Executive Control
- 10.4. Judicial Control
- 10.5 Citizens Control
- 10.6. Ombudsman
- 10.7. Lokpal and Lokayukta

5. Logic (1st Year)

- Unit-I - NATURE AND SCOPE OF LOGIC
- Unit-II - WORDS-TERMS-SENTENCES
- Unit-III - PROPOSITIONS
- Unit-IV - MIXED SYLLOGISMS
- Unit-V - INFERENCE
- Unit-VI - DIVISION AND LOGICAL DEFINITION
- Unit-VII - SYMBOLIC LOGIC
- Unit-VIII - INDIAN LOGIC AND PRAMANAS
- Unit-IX - BUDDHIST LOGIC
- Unit-X - MODEL LOGIC AND APPLICATIONS OF LOGIC

Chapter - 1 Introduction to Public Administration

Chapter - 2 Evolution and Growth of Public Administration

Chapter - 3 Relationship of Public Administration with other Social Sciences

Chapter - 4 Traditional Theories of Organisation

Chapter - 5 Modern Theories of Organisation

Chapter - 6 Principles of Organization - I

Chapter - 7 Principles of Organization - II

Chapter - 8 Personnel Administration

Chapter - 9 Financial Administration

Chapter - 10 Control over Administration