

**ST. PATRICK'S ACADEMY,
MEERUT**

**CLASS XI
SYLLABUS
2024**

CLASS XI
ENGLISH LITERATURE (801 B)

FIRST TERM

UNIT TEST-I

BOOK 1 – PRISM (A COLLECTION OF ISC SHORT STORIES)

by Evergreen Publications

PROSE: S. No. 1 A Living God

BOOK 2 – RHAPSODY (A COLLECTION OF ISC POEMS) by

Evergreen Publications

POETRY: S. No. 1 Abhisara

BOOK 3 – MACBETH by Morning Star

DRAMA: Act I Scene I-II

**WORKBOOKS – RHAPSODY AND PRISM WORKBOOK
PART I, MACBETH WORKBOOK by Beeta Publication**

HALF YEARLY

BOOK 1 – PRISM (A COLLECTION OF ISC SHORT STORIES)

by Evergreen Publications

PROSE:

S. No. 2 Advice to Youth

S. No. 3 The Paper Menagerie

BOOK 2 – RHAPSODY (A COLLECTION OF ISC POEMS) by

Evergreen Publications

POETRY:

S. No. 2 Why I Like the Hospital

S. No. 3 Sonnet 116

BOOK 3 – MACBETH by Morning Star

DRAMA: Act I Scene III-VI

WORKBOOKS – RHAPSODY AND PRISM WORKBOOK

PART I, MACBETH WORKBOOK by Beeta Publication

SECOND TERM

UNIT TEST-II

BOOK 1 – PRISM (A COLLECTION OF ISC SHORT STORIES)

by Evergreen Publications

PROSE: S. No. 4 The Great Automatic Grammatizator

BOOK 2 – RHAPSODY (A COLLECTION OF ISC POEMS) by

Evergreen Publications

POETRY: S. No. 4 Death of a Naturalist

BOOK 3 – MACBETH by Morning Star

DRAMA: Act I Scene VII, Act II Scene I

WORKBOOKS – RHAPSODY AND PRISM WORKBOOK

PART I, MACBETH WORKBOOK by Beeta Publication

FINAL TERM

Full Syllabus as prescribed by the Council.

CLASS XI
ENGLISH LANGUAGE (801 A)

BOOK – TOTAL ENGLISH (CLASS 11 ISC) by Morning Star

FIRST TERM

UNIT TEST-I

Grammar

Writing Skills: Proposal Writing

HALF YEARLY

Grammar

Writing Skills: Composition, Newspaper Report Writing, Proposal Writing, Comprehension

SECOND TERM

UNIT TEST-II

Grammar

Writing Skills: Book Review

FINAL TERM

Full Syllabus as prescribed by the Council.

CLASS XI
MATHEMATICS (860)

BOOK – ISC MATHEMATICS (O. P. Malhotra, S.K. Gupta & Anubhuti Gangal) by S.Chand School Books

FIRST TERM

UNIT TEST-I

- Chapter 1 Sets
- Chapter 2 Relations & Functions
- Chapter 9 Complex Numbers
- Chapter 10 Quadratic Equations
- Chapter 11 Inequalities

HALF YEARLY

- Chapter 1 Sets
- Chapter 2 Relations & Functions
- Chapter 3 Angles and Arc Lengths
- Chapter 4 Trigonometrical Functions
- Chapter 5 Compound and Multiple Angles
- Chapter 6 Trigonometric Equations
- Chapter 7 Properties of Triangle
- Chapter 8 Mathematical Induction
- Chapter 9 Complex Numbers
- Chapter 10 Quadratic Equations
- Chapter 11 Inequalities
- Chapter 12 Permutations & Combinations
- Chapter 13 Binomial Theorem
- Chapter 14 Sequence & Series

SECOND TERM

UNIT TEST-II

Chapter 15 Basic Concepts of Points & their Coordinates

Chapter 16 The Straight Line

Chapter 17 Circle

Chapter 18 Limits

Chapter 19 Differentiation

FINAL TERM

Full Syllabus as prescribed by the Council.

**CLASS XI
PHYSICS (861)**

**BOOK – ISC PHYSICS (KUMAR-MITTAL) BY NAGEEN
PRAKASHAN PVT. LTD.**

LAB MANUAL – ISC PHYSICS LAB MANUAL

FIRST TERM

UNIT TEST-I

Chapter 2 Units and Measurements

Chapter 3 Dimensional analysis

Chapter 4 Motion in a Straight Line

Chapter 5 Motion in a Plane

HALF YEARLY

Chapter 1 Physical World

Chapter 2 Units and Measurements

Chapter 3 Dimensional analysis

Chapter 4 Motion in a Straight Line

Chapter 5 Motion in a Plane

Chapter 6 Newton's laws of

Chapter 7 Friction

Chapter 8 Uniform circular motion

Chapter 9 Work, Power and Energy

Chapter 10 Centre of mass

Chapter 11 Rotational motion of a rigid body: Moment of Inertia

Chapter 12 Gravitation: Planets and Satellites

SECOND TERM

UNIT TEST-II

Chapter 13 Elasticity

Chapter 14 Fluid Pressure

Chapter 15 Flow of Liquids

Chapter 16 Surface Tension

Chapter 17 Thermal Properties of Matter

Chapter 18 Heat transfer

FINAL TERM

Full Syllabus as prescribed by the Council.

PRACTICAL WORK

The experiments for laboratory work and practical examinations are mostly from following groups:

- (i) Experiments based on Units and Measurements.
- (ii) Experiments based on Mechanics.
- (iii) Experiments based on Properties of Bulk Matter and Heat.
- (iv) Experiments based on Oscillations and Waves.

Project Work

CLASS XI
CHEMISTRY(862)

BOOK – ISC CHEMISTRY BY NAGEEN PRAKASHAN PVT. LTD.

LAB MANUAL – ISC CHEMISTRY LAB MANUAL

FIRST TERM

UNIT TEST-I

Chapter 1 Some Basic Concepts of Chemistry

Chapter 2 Structure of Atom

Chapter 8 Redox Reactions

Chapter 10 s-Block Elements (Alkali Metals and Alkaline Earth Metals)

HALF YEARLY

Chapter 1 Some Basic Concepts of Chemistry

Chapter 2 Structure of Atom

Chapter 3 Classification of Elements and Periodicity in Properties

Chapter 5 States of Matter: Gases and Liquids

Chapter 6 Chemical Thermodynamics

Chapter 8 Redox Reactions

Chapter 10 s-Block Elements (Alkali Metals and Alkaline Earth Metals)

Chapter 12 Organic Chemistry: Some Basic Principles and Techniques

SECOND TERM

UNIT TEST-II

Chapter 7A Equilibrium : Chemical Equilibrium

Chapter 7B Equilibrium : Ionic Equilibrium

Chapter 11 Some p-Block Elements (Group 13 and 14 Elements)

Chapter 12 Organic Chemistry : Some Basic Principles and Techniques

FINAL TERM

Full Syllabus as prescribed by the Council.

PRACTICAL WORK - Each term includes practical work as guided by ISC which will be maintained in a proper Chemistry Practical File.

Basic Laboratory Techniques

Titration

Qualitative Analysis

Preparation of inorganic compounds

Paper Chromatography

Project Work

**CLASS XI
BIOLOGY (863)**

BOOK –ISC BIOLOGY BY NAGEEN PRAKASHAN

FIRST TERM

UNIT TEST-I

- Chapter 1 The Living world
- Chapter 2 Biological classification
- Chapter 3 Plant Kingdom
- Chapter 4 Animal Kingdom

HALF YEARLY

- Chapter 1 The Living world
- Chapter 2 Biological classification
- Chapter 3 Plant Kingdom
- Chapter 4 Animal Kingdom
- Chapter 5 Morphology of flowering plants
- Chapter 6 Anatomy of flowering plant
- Chapter 7 Structural organization in Animals
- Chapter 8 Cell-The Unit of Life
- Chapter 9 Biomolecules
- Chapter 10 Cell Cycle and cell division
- Chapter 11 Transport in Plants.
- Chapter 12 Mineral Nutrition
- Chapter 13 Photosynthesis in higher plants

SECOND TERM

UNIT TEST-II

Chapter 14 Respiration in Plants

Chapter 15 Plant growth and Development

Chapter 17 Breathing and Exchange of gases

Chapter 18 Body fluid and circulation

Chapter 19 Excretory product and their elimination

FINAL TERM

Full Syllabus as prescribed by the Council.

PRACTICAL WORK - Each term includes practical work as guided by ISC which will be maintained in a proper BIOLOGY Practical File.

Basic information about a Microscope

Spotting of various Plants and Animal

Identification of Slides

Food Test

Plasmolysis of Onion Cell

Project Work

CLASS XI
ACCOUNTANCY (858)

FIRST TERM

UNIT TEST-I

BOOK 1- VOLUME I: ISC ACCOUNTANCY-AVICHAL PUBLISHING COMPANY

- Chapter 1 Evolution of Accounting & Basic Accounting Terms
- Chapter 2 Accounting Equations
- Chapter 3 Meaning, Objectives, Scope and Nature of Accounting
- Chapter 4 Double Entry System
- Chapter 5 Books of Original Entry- Journal
- Chapter 6 Accounting for Goods & Service Tax (GST)
- Chapter 7 Books of Original Entry- Cash Book

HALF YEARLY

BOOK 1- VOLUME I: ISC ACCOUNTANCY-AVICHAL PUBLISHING COMPANY

- Chapter 1 Evolution of Accounting & Basic Accounting Terms
- Chapter 2 Accounting Equations
- Chapter 3 Meaning, Objectives, Scope and Nature of Accounting
- Chapter 4 Double Entry System
- Chapter 5 Books of Original Entry- Journal
- Chapter 6 Accounting for Goods & Service Tax (GST)
- Chapter 7 Books of Original Entry- Cash Book
- Chapter 8 Books of Original Entry- Special Purpose Subsidiary Books
- Chapter 9 Ledger
- Chapter 10 Trial Balance
- Chapter 12 Depreciation

Project work based on above chapters

SECOND TERM

UNIT TEST-II

BOOK 2- VOLUME II: ISC ACCOUNTANCY-AVICHAL PUBLISHING COMPANY

Chapter 13 Bills of Exchange

Chapter 14 Generally Accepted Accounting Principles (GAAP)

Chapter 15 Bases of Accounting

Chapter 16 Accounting Standards and International Financial Reporting Standards (IFRS)

Chapter 17 Capital and Revenue

Chapter 18 Provisions and Reserves

Chapter 19 Final Accounts

FINAL TERM

Full Syllabus as prescribed by the Council.

CLASS XI

COMMERCE (857)

BOOK - S. CHAND'S ISC COMMERCE- DR. C.B. GUPTA

FIRST TERM

UNIT TEST-I

Chapter 1 Classification of Human Activities- Economic and Non-Economic

Chapter 2 Nature and Objectives of Business

Chapter 3 Classification of Business Activities

Chapter 4 Introduction to Business Organisations

Chapter 5 Sole Trader

Chapter 6 Partnership

Chapter 7 Joint Stock Company

HALF YEARLY

Chapter 1 Classification of Human Activities- Economic and Non Economic

Chapter 2 Nature and Objectives of Business

Chapter 3 Classification of Business Activities

Chapter 4 Introduction to Business Organisations

Chapter 5 Sole Trader

Chapter 6 Partnership

Chapter 7 Joint Stock Company

Chapter 8 Types of Companies

Chapter 9 Formation of Company

Chapter 10 Public Enterprises, Public Utilities and Public-Private Partnerships

Chapter 11 Cooperative Organisation

Chapter 12 Social Responsibility of Business and Business Ethics

Chapter 13 E-Business and Outsourcing
Project work based on above chapters

SECOND TERM

UNIT TEST-II

Chapter 14 Stock Exchange

Chapter 15 Wholesale Trade

Chapter 16 Retail Trade

Chapter 17 Procedure and Documents used in Home Trade

Chapter 18 Chambers of Commerce and Industry

FINAL TERM

Full Syllabus as prescribed by the Council.

CLASS XI
ECONOMICS (856)

BOOK- ECONOMICS FRANK- ISC BY FRANK BROTHERS

FIRST TERM

UNIT TEST I

Chapter 1 Definition of Economics

Chapter 2 Basic Concepts of Economics

Chapter 3 Definition, Scope, importance and Limitation of Statistics

Chapter 17 Collection, Organisation and Presentation

Chapter 18 Measures of Central Tendency

HALF YEARLY

Chapter 3 Basic problems of an Economy

Chapter 4 Types of Economics

Chapter 5 Solution to the Basic Economic Problems Under Different
Economic systems

Chapter 6 Economic Growth and Development

Chapter 7 Parameters (Indicators)of Development

Chapter 8 Sustainable Development

Chapter 9 Planning and Economic Development in India

SECOND TERM

UNIT TEST II

Chapter 10 Indian Economy Post Liberalisation

Chapter 11 Structural Changes in the Indian Economy after
Liberalisation

Chapter 12 The Problem of Poverty in India

Chapter 19 Measures of Dispersion

FINAL TERM

Full Syllabus as prescribed by the Council.

CLASS XI

LEGAL STUDIES (881)

BOOK- ISC LEGAL STUDIES- MARINA PUBLICATIONS

FIRST TERM

UNIT TEST-I

Chapter 1 Basic features of the Indian Constitution & the Constitutional Courts

Chapter 2 Law and Jurisprudence

HALF YEARLY

Chapter 1 Basic features of the Indian Constitution & the Constitutional Courts

Chapter 2 Law and Jurisprudence

Chapter 3 Law of Civil Procedure and Consumer Protection Act

SECOND TERM

UNIT TEST-II

Chapter 4 Intellectual Property Laws

Chapter 5 Family Law

FINAL TERM

Full Syllabus as prescribed by the Council.

CLASS XI
COMPUTER SCIENCE (868)

BOOK 1- COMPUTER SCIENCE WITH JAVA - XI - DHANPAT RAI & CO.

FIRST TERM

UNIT TEST-I

Chapter 1 Data Representation
Chapter 3 General OOP Concepts
Chapter 4 Introducing Java
Chapter 5 Java Fundamentals
Chapter 6 Flow of Control
Chapter 11 Arrays
Practical work based on above chapters.

HALF YEARLY

Chapter 1 Data Representation
Chapter 2 Propositional Logic & Hardware
Chapter 3 General OOP Concepts
Chapter 4 Introducing Java
Chapter 5 Java Fundamentals
Chapter 6 Flow of Control
Chapter 9 Program Errors Types and Exception Handling
Chapter 11 Arrays
Project Work based on Chapter 13 Trends in Computing and Ethical Issues
Practical work based on above chapters.

SECOND TERM

UNIT TEST-II

Chapter 1 Data Representation

Chapter 2 Propositional Logic & Hardware

Chapter 7 Classes in Java

Chapter 8 Functions (Methods)

Chapter 11 Arrays

Practical work based on above chapters.

FINAL TERM

Full Syllabus as prescribed by the Council.

CLASS XI

PHYSICAL EDUCATION (863A)

BOOK- SARASWATI PHYSICAL EDUCATION

PRACTICAL- GAMES/ SPORTS PRACTICAL MANUAL

FIRST TERM

UNIT TEST-I

Chapter 1 Concept of Physical Education

Chapter 2 Individual Aspects and Group Dynamics

HALF YEARLY

Chapter 1 Concept of Physical Education

Chapter 2 Individual Aspects and Group Dynamics

Chapter 3 Effects of Physical Exercise on Human Body Systems

Practical- Athletics, Volleyball & Basketball

SECOND TERM

UNIT TEST-II

Chapter 4 Nutrition, Weight Control and Exercise

Chapter 5 Physical Fitness and Wellness

FINAL TERM

Full Syllabus as prescribed by the Council.

CLASS XI

HISTORY (851)

BOOK- ISC HISTORY- KALYANI PUBLISHERS

FIRST TERM

UNIT TEST-I

Chapter 1 Emergence of the Colonial Economy

Chapter 2 Social Movements

Chapter 3 Protest Movements against Colonial Rule

HALF YEARLY

Chapter 1 Emergence of the Colonial Economy

Chapter 2 Social Movements

Chapter 3 Protest Movements against Colonial Rule

Chapter 4 Growth of Nationalism

Chapter 5 Gandhian Nationalism (1916-1922)

Chapter 6 Gandhian Nationalism (1927-1937)

Project work based on above chapters

SECOND TERM

UNIT TEST-II

Chapter 7 World War I: Causes, events leading to it; Peace settlements

Chapter 8 The Great Depression

Chapter 9 Rise of Communism under Stalin in Russia (1928-1939)

FINAL TERM

Full Syllabus as prescribed by the Council.

CLASS XI

POLITICAL SCIENCE (852)

BOOK- ISC POLITICAL SCIENCE- KALYANI PUBLISHERS

FIRST TERM

UNIT TEST-I

Chapter 1 Introduction to Political Science

Chapter 2 The Origin of the State

Chapter 3 Political Ideologies

HALF YEARLY

Chapter 1 Introduction to Political Science

Chapter 2 The Origin of the State

Chapter 3 Political Ideologies

Chapter 4 Sovereignty

Chapter 5 Law

Chapter 6 Liberty

SECOND TERM

UNIT TEST-II

Chapter 7 Equality

Chapter 8 Justice

Chapter 9 End of Cold War and its impact on the World Order

FINAL TERM

Full Syllabus as prescribed by the Council.

CLASS XI

MORAL SCIENCE

BOOK- LIFE VALUES 11 - JAY CEE PUBLICATION

FIRST TERM

HALF YEARLY

Chapter 1 Self-Respect

Chapter 2 Vital Virtues

Chapter 4 Ego Hurts; Humility Uplifts

Chapter 5 Relationship

Chapter 6 Sex Ethics

SECOND TERM

FINAL TERM

Chapter 8 Optimism

Chapter 11 Internet: A Necessary Evil

Chapter 12 Career

Chapter 13 Humaneness

Chapter 15 Forgiveness