

Lt. Col. MEHAR LITTLE ANGELS SR. SEC. SCHOOL
ANNUAL EXAMINATION SYLLABUS (2025-2026)
CLASS - XI

CLASS AND SEC.	XI A	CLASS AND SEC.	XI B
CLASS TEACHER	MRS. URVINDER KAUR	CLASS TEACHER	MRS. PRACHI JAIN
SUBJECT	NAME OF THE TEACHER	SUBJECT	NAME OF THE TEACHER
ENGLISH	MRS. SHILPA ARORA	ENGLISH	MRS. SHILPA ARORA
CHEMISTRY	MR. MD. IMRAN ZAFEER	ECONOMICS	MRS. PRACHI JAIN
BIOLOGY	MS. MEENU SAINI	BUSINESS STUDIES	MR. NAVEEN
PHYSICS	MR. SURYA PRATAP	ACCOUNTANCY	MS. TAVNEET KAUR
MATHEMATICS	MR. JOGINDER BAJAJ	MATHEMATICS	MR. JOGINDER BAJAJ
COMPUTER SCIENCE	MS. SWATI GARG	PHYSICAL EDUCATION	MR. SURYA PRATAP
PHYSICAL EDUCATION	MR. SURYA PRATAP	HOME SCIENCE	MRS. URVINDER KAUR
HOME SCIENCE	MRS. URVINDER KAUR		

CLASS AND SEC.	XI C	CLASS AND SEC.	XI D
CLASS TEACHER	MS. SWATI GARG	CLASS TEACHER	MRS. RUCHIKA BENIWAL
SUBJECT	NAME OF THE TEACHER	SUBJECT	NAME OF THE TEACHER
ENGLISH	MRS. SHILPA ARORA	ENGLISH	MRS. SHILPA ARORA
ECONOMICS	MRS. PRACHI JAIN	ECONOMICS	MRS. PRACHI JAIN
BUSINESS STUDIES	MR. NAVEEN	HISTORY	MS. KAVITACHAUHAN
ACCOUNTANCY	MS. TAVNEET KAUR	POLITICAL SCIENCE	MS. RUCHIKA BENIWAL
INFORMATICS PRACTICES	MS. SWATI GARG	INFORMATICS PRACTICES	MS. SWATI GARG
PHYSICAL EDUCATION	MR. SANDEEP	PHYSICAL EDUCATION	MR. SANDEEP
HOME SCIENCE	MRS. URVINDER KAUR	HOME SCIENCE	MRS. URVINDER KAUR

ENGLISH

BOOK- NCERT

Reading skills:

Unseen passage

Note making

Writing skills:

Advertisement

Poster

Speech

Debate

Grammar: Gap filling and re-ordering of sentences

Literature:

BOOK -Hornbill

•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)

•Silk Road (Prose)

Father to Son

BOOK - Snapshots

• The Summer of the Beautiful White Horse (Prose)

• The Address (Prose)

• Mother's Day (Play)

• Birth (Prose)

The Tale of Melon City

PHYSICS

Book - NCERT

Chapter no.1: Unit and Measurement

Chapter no.2: Motion in straight line

Chapter no.3: Motion in plane

Chapter no.4: Laws of Motion

Chapter no.5: Work, Energy, and Power

Chapter no.6: Motion of System of Particles and Rigid Body

Chapter no.7: Gravitation

Chapter no.8: Mechanical properties of solid

Chapter no.9: Mechanical properties of fluids

Chapter no.10: Thermodynamics

Chapter no.11: Behavior of Perfect Gas and Kinetic Theory of gas

Chapter no.12: Oscillations and Waves

CHEMISTRY

BOOK - Textbook for Chemistry Class XI

Chapter No. 1 Some Basic Concepts of Chemistry.

Chapter No. 2 Structure of Atom

Chapter No. 3 Classification of Elements and Periodicity in Properties.

Chapter No. 4 Chemical Bonding and Molecular structure

Chapter No. 5 Chemical Thermodynamics

Chapter No. 6 Equilibrium

Chapter No. 7 Redox Reactions

Chapter No. 8 Organic Chemistry – Some Basic Principles and Techniques

Chapter No. 9 Hydrocarbons

BIOLOGY

BOOK - NCERT

Unit I: Diversity in Living World

Chapter no.1: The Living World

Chapter no.2: Biological Classification

Chapter no.3: Plant Kingdom

Chapter no.4: Animal Kingdom

Unit II: Structural Organization in Animals and Plants

Chapter no.5: Morphology of Flowering Plants

Chapter no.6: Anatomy of Flowering Plants

Chapter no.7: Structural Organisation in Animals

Unit III: Cell: Structure and Function

Chapter no.8: Cell: The Unit of Life

Chapter no.9: Biomolecules

Chapter no.10: Cell Cycle and Cell Division

Unit IV Plant Physiology

Chapter no.11: Photosynthesis in Higher Plants

Chapter no.12: Respiration in Plants

Unit V: Human Physiology

Chapter no.14: Breathing and Exchange of Gases

Chapter no.15: Body Fluids and Circulation

Chapter no.16: Excretory Products and their Elimination

Chapter no.17: Locomotion and Movement

Chapter no.18: Neural Control and Coordination

Chapter no.19: Chemical Coordination and Integration

COMPUTER SCIENCE

BOOK - Computer Science with Python by Preeti Arora

Unit I: Computer System and Organization.

Unit II: Computational Thinking and Programming -1.

Unit III: Society, Law and Ethics.

MATHEMATICS

BOOK - NCERT

- Chapter no.1: Sets
- Chapter no.2: Relation and Functions
- Chapter no.3: trigonometric functions
- Chapter no.4: complex numbers
- Chapter no.5: linear inequalities
- Chapter no.6: permutations and combinations
- Chapter no.7: binomial theorem
- Chapter no.8: sequences and series
- Chapter no.9: straight lines
- Chapter no.10: conic sections
- Chapter no.11: introduction to three dimensional geometry
- Chapter no.12: limits and derivatives
- Chapter no.13: statistics
- Chapter no.14: probability

HOME SCIENCE

BOOK- Premier book of Home Science

- Chapter no.8: Survival Growth and Development
- Chapter no.9: Nutrition, Health and Well – Being
- Chapter no.10: Our Apparel
- Chapter no.11: Health and Wellness
- Chapter no.12: Financial Management and Planning
- Chapter no.13: Care and maintenance of Fabrics
- Chapter no.14: Work livelihood and Career
- Chapter no.15: Consumer Education
- Chapter no.16: Hospitality
- Chapter no.17: Development and Communication

PHYSICAL EDUCATION

BOOK - Saraswati

- Chapter no.1: Changing trends and careers in Physical Education
- Chapter no.2: Olympism Value Education
- Chapter no.3: Yoga
- Chapter no.4: Physical Education and sports for children with special needs
- Chapter no.5: Physical fitness, wellness and lifestyle
- Chapter no.6: Test, measurement and evaluation
- Chapter no.7: Fundamental of Anatomy and Physiology in sports
- Chapter no.8: Fundamental of Kinesiology and biomechanics in Sports
- Chapter no.9: Psychology in sports
- Chapter no.10: Training and doping in Sports

ECONOMICS

Part A Statistics for Economics

- Unit 1- Introduction
- Unit 2- Collection, Organisation, and Presentation of Data
- Unit 3-Statistical Tools and Interpretation

Part B Introductory Microeconomics

Unit 4- Introduction

Unit 5- Consumer's Equilibrium and Demand

Unit 6- Producer Behavior and Supply

Unit 7- Forms of Market and Price Determination under perfect competition with simple applications

ACCOUNTANCY

BOOK – DOUBLE ENTRY BOOK KEEPING

Chapter no.1: Introduction to Accounting

Chapter no.2: Basic Accounting Terms

Chapter no.3: Accounting Principles

Chapter no.4: Bases of Accounting

Chapter no.5: Accounting Equation

Chapter no.6: Accounting procedure- Rules of Debit and Credit

Chapter no.7: Vouchers

Chapter no.8: Journal

Chapter no.9: Ledger

Chapter no.10: Cash book

Chapter no.11: Other books

Chapter no.12: Accounting for GST

Chapter no.13: Bank reconciliation statement

Chapter no.14: Trial balance

Chapter no.15: Depreciation

Chapter no.16: Provisions and Reserve

Chapter no.17: Rectification of Errors

Chapter no.18: Financial Statements with and without adjustments

Chapter no.19: Single entry system

BUSINESS STUDIES

BOOK- Business Studies by Subhash Dey

Part A Foundations of Business

Chapter no.1: Nature and Purpose of Business (History of Commerce and Trade will not come)

Chapter no.2: Forms of Business Organizations (Formation of company - stages, important documents to be used in formation of a company, One Person Company will not come)

Chapter no.3: Public, Private and Global Enterprises

Chapter no.4: Business Services

Chapter no.5: Emerging Modes of Business

Chapter no.6: Social Responsibility of Business and Business Ethics

Part B Finance and Trade

Chapter no.7: Sources of Business Finance

Chapter no.8: Small Business

Chapter no.9: Internal Trade

Chapter no.10: International Business

INFORMATICS PRACTICES

BOOK- Informatics Practices with Python by Preeti Arora

Unit I: Introduction to Computer System.

Unit II: Introduction to Python.

Unit III: Database Concepts and the Structured Query Language.

Unit IV: Introduction to Emerging Trends.

HISTORY

BOOK – Themes in World History

Chapter no.1: Writing and City Life

Chapter no.2: An Empire Across Three Continents

Chapter no.3: Nomadic Empire

Chapter no.4: The Three Orders

Chapter no.5: Changing Cultural Traditions

Chapter no.6: Displacing Indigenous People

Chapter no.7: Paths to Modernization

Map Work: All maps from the Textbook

POLITICAL SCIENCE

BOOK - Indian Constitution at Work

Chapter no.1: Constitution: Why and How?

Chapter no.2: Rights in the Indian Constitution

Chapter no.3: Election and Representation

Chapter no.4: Executive

Chapter no.5: Legislature

Chapter no 6: Judiciary

Chapter no.7: Federalism

Chapter no.8: Local Governments

Chapter no.9: Constitution as a Living document

Chapter no.10: The Philosophy of the Constitution

BOOK: Political Theory

Chapter no.1: Political Theory: An Introduction

Chapter no.2: Freedom

Chapter no.3: Equality

Chapter no.4: Social Justice

Chapter no.5: Rights

Chapter no.6: Citizenship

Chapter no.7: Nationalism

Chapter no.8: Secularism