

Lt. Col. MEHAR LITTLE ANGELS SR. SEC. SCHOOL
B-5 BLOCK, PASCHIM VIHAR, NEW DELHI - 110063
HALF YEARLY EXAMINATION SYLLABUS (2026 - 27)
CLASS XII

CLASS XII A

SUBJECT	NAME OF SUBJECT TEACHER
ENGLISH	MS. SHILPA ARORA
CHEMISTRY	MD. IMRAN ZAFEER
PHYSICS	MS. KHAYATI BAJAJ
BIOLOGY	MS. SUMITI SAXENA
COMPUTER SCIENCE	MR. SURAJ
MATHEMATICS	MR. PRAVEEN KUMAR
PHYSICAL EDUCATION	MR. DHURUV
HOME SCIENCE	MS. URVINDER KAUR

CLASS XII B

SUBJECT	NAME OF SUBJECT TEACHER
MATHEMATICS	MR. PRAVEEN KUMAR
PHYSICAL EDUCATION	MR. DHURUV
HOME SCIENCE	MS. URVINDER KAUR
ACCOUNTANCY	MR. YASH GUPTA
BUSINESS STUDIES	MR. NAVEEN KUMAR
ECONOMICS	MS. PRACHI JAIN
ENGLISH	MS. SHILPA ARORA

CLASS XII C

SUBJECT	NAME OF SUBJECT TEACHER
ENGLISH	MS. SHILPA ARORA
PHYSICAL EDUCATION	MR. SANDEEP
HOME SCIENCE	MS. URVINDER KAUR
ACCOUNTANCY	MR. YASH GUPTA
BUSINESS STUDIES	MR. NAVEEN KUMAR
ECONOMICS	MS. PRACHI JAIN
INFORMATICS PRACTICES	MR. SURAJ

CLASS XII D

SUBJECT	NAME OF SUBJECT TEACHER
ENGLISH	MS. SHILPA ARORA
PHYSICAL EDUCATION	MR. SANDEEP KUMAR
HOME SCIENCE	MS. URVINDER KAUR
ECONOMICS	MS. PRACHI JAIN
HISTORY	MS. KAVITA CHAUHAN
POLITICAL SCIENCE	MS. SHAGUN CHAWLA
INFORMATICS PRACTICES	MR. SURAJ

ENGLISH

Reading Skills

Unseen Passages

Writing Skills

1. Notice
2. Formal/Informal Invitation and Reply
3. Job Application
4. Report

Literature

Flamingo

Lesson No. 1 The Last Lesson

Lesson No. 2 Lost Spring

Lesson No. 3 Deep Water

Lesson No. 4 The Rattrap

Poetry

Poem No. 1 My Mother at Sixty-Six

Poem No. 2 Keeping Quiet

Vistas

Lesson No.1 The Third Level

Lesson No.2 The Tiger King

PHYSICS

Chapter No. 1 Electric field and charges

Chapter No. 2 Electric potential and capacitance

Chapter No. 3 Current electricity

Chapter No. 4 Moving charges and magnetism

Chapter No. 5 Magnetism and matter

Chapter No. 6 Electromagnetic induction

Chapter No. 7 Alternating current

CHEMISTRY

Chapter No. 1 Solutions

Chapter No. 2 Electrochemistry

Chapter No. 3 Chemical Kinetics

Chapter No. 5 Coordination Compounds

Chapter No. 6 Haloalkanes and Haloarenes

BIOLOGY

Chapter No. 1 Sexual reproduction in flowering plants

Chapter No. 2 Human reproduction

Chapter No. 3 Reproductive health

Chapter No. 4 Principle of inheritance and variations

Chapter No. 5 Human health and disease

Chapter No. 6 Microbes in human welfare

Chapter No. 7 Organism and population

Chapter No. 8 Ecosystem

Chapter No. 9 Biodiversity

MATHEMATICS

Chapter No.1 Relations and functions
Chapter No. 2 Inverse Trigonometric Functions
Chapter No. 3 Matrices
Chapter No. 4 Determinants
Chapter No. 5 Continuity and Differentiability
Chapter No. 6 Application of Derivatives
Chapter No. 7 Integrals (till indefinite integrals)
Chapter No.12 Linear Programming

COMPUTER SCIENCE

Unit I Computational Thinking and Programming-2
Chapter No. 1 Review of Python Basics
Chapter No. 2 Functions
Chapter No. 3 Exception Handling
Chapter No. 4 Data File Handling (Text, Binary, and CSV files)
Unit III Database Management
Chapter No. 7 Relational Databases and SQL (DDL, DML, aggregate functions, clauses like GROUP BY and ORDER BY, and joins)

INFORMATICS PRACTICES

Chapter No. 1 Pandas 1 Series and Data frame
Chapter No. 2 Pandas Data Visualization using mat plot lib
Chapter No. 3 Database Query using Structured Query Language (SQL)

ACCOUNTANCY

Volume 1- Accounting for partnership firms
Chapter No. 1 Accounting for partnership firms- Fundamentals
Chapter No. 2 Goodwill nature and valuation
Chapter No. 3 Change in profit sharing ratio among the existing partners
Chapter No. 4 Admission of partner
Chapter No. 5 Retirement of a partner
Chapter No. 6 Death of a Partner
Chapter No. 7 Dissolution of Partnership firm
Volume 2 Accounting for companies
Chapter No. 1 Accounting for share capital.

ECONOMICS

Indian Economics Development
Chapter No. 1 Indian Economy on the Eve of Independence
Chapter No. 2 Indian Economy (1950–1990)
Chapter No. 3 Economic Reforms since 1991
Chapter No. 4 Human Capital Formation in India
Chapter No. 5 Rural Development
Macroeconomics
Chapter No. 1 Circular Flow of Income
Chapter No. 2 Basic Concepts of Macroeconomics
Chapter No. 3 National Income and Related Aggregate

Chapter No. 4 Measurement of National Income
Chapter No. 5 Money
Chapter No. 6 Banking - Commercial Banks and The Central Bank
Chapter No.10 Government Budget
Chapter No.11 Foreign Exchange Rates
Chapter No. 12 Balance of Payments

BUSINESS STUDIES

Chapter No. 1 Nature and significance of Management
Chapter No. 2 Principles of Management
Chapter No. 4 Planning
Chapter No. 5 Organizing
Chapter No. 6 Staffing
Chapter No. 7 Directing (till leadership only)
Chapter No. 8 Controlling

HOME SCIENCE

Chapter No. 1 Work, Livelihood and Career
Chapter No. 2 Clinical Nutrition and Dietetics
Chapter No. 3 Public Nutrition and Health
Chapter No. 4 Food Processing and Technology
Chapter No. 5 Food Quality and Food Safety
Chapter No. 6 Early Childhood Care and Education
Chapter No. 7 Management of Support Services
Chapter No. 8 Designs and Apparels
Chapter No. 11 Hospitality Management
Chapter No. 12 Consumer Education and Protection
Chapter No. 13 Development Communication and Journalism

PHYSICAL EDUCATION

Chapter No. 1 Management of sports event
Chapter No. 2 Children and Women in sports
Chapter No. 3 Yoga as a preventive measure
Chapter No. 4 Physical Education and Sports for CWSN
Chapter No. 5 Sports and Nutrition

HISTORY

Themes in Indian History Part-I

Chapter No. 1 Bricks, Beads and Bones the Harappa Civilisation
Chapter No. 2 Kings, Farmers and Towns Early States and Economies (c.600 BCE 600 CE)
Chapter No. 3 Kingship, Caste and class Early Societies (c. 600 BCE600 CE)
Chapter No. 4 Thinkers, Beliefs and Buildings Cultural Developments (c. 600 BCE 600 CE)

Themes in Indian History Part-II

Chapter No. 5 Through the eyes of Travellers Perceptions of Society (c. tenth to seventeenth centuries)
Chapter No.6 Bhakti-Sufi Traditions Changes in Religious Beliefs and Devotional Texts (c. eighth to eighteenth centuries)
Chapter No. 7 An Imperial Capital – Vijayanagar (c. fourteenth to sixteenth centuries)

Part – I Maps

1. Mature Harappan sites Harappa, Banawali, Kalibangan, Balakot, Rakhigarhi, Dholavira, Nageshwar, Lothal, Mohenjodaro, Chanhudaro, KotDiji.

2. Mahajanapada and cities Vajji, Magadha, Kosala, Kuru, Panchala, Gandhara, Avanti, Rajgir, Ujjain, Taxila, Varanasi.
 - 3 .Distribution of Ashokan inscriptions • Pillar inscriptions – Sanchi, Topra, Meerut Pillar and Kaushambi.
 - Kingdom of Cholas, Cheras and Pandyas.
 4. Important kingdoms and towns
 - Kushanas,Shakas,Satavahanas,Vakatakas,Guptas
 - Cities/towns Mathura,Kanauj,Puhar,Braghukachchha, Shravasti,Rajgir, Vaishali, Varanasi,Vidisha
 5. Major Buddhist Sites Nagarjunakonda, Sanchi, Amaravati, Lumbini,Bharhut, Bodh Gaya, Ajanta
- Part II Maps
6. ‘Bidar, Golconda, Bijapur, Vijayanagar, Chandragiri, Kanchipuram, Mysore, Thanjavur, Kolar, Tirunelveli

POLITICAL SCIENCE

Part 1

- Chapter No. 1 The End of Bipolarity
- Chapter No. 2 Contemporary Centres of Power
- Chapter No. 3 Contemporary South Asia
- Chapter No. 4 International Organisations
- Chapter No. 5 Security in the Contemporary World
- Chapter No. 6 Environment and Natural Resources

Part 2

- Chapter No. 1 Challenges of Nation Building
- Chapter No. 2 Era of One Party Dominance