— In collaboration with —
Mayo College, 1875 AD

MAYOR WORLD SCHOOL
inspiring excellence

Grade XII
Half yearly syllabus (2025-26)

English

READING SKILLS:

Comprehension Passages

- Factual, descriptive, or literary extracts for analytical understanding.
- Case-based factual passages incorporating verbal and visual inputs for critical reasoning.

WRITING SKILLS:

- Notice Writing
- Letter to Editor
- Formal and Informal Invitation
- Replies to the Invitation
- Application for a Job with Bio-data / Resume
- Article Writing

LITERATURE:

FLAMINGO

Prose :

Chapter 1: The Last Lesson
Chapter 2: Lost Spring
Chapter 3: Deep Water
Chapter 4: The Rattrap
Chapter 5: Indigo
Chapter 6: Poets and Pancakes

Poetry:

Poem 1: My Mother at Sixty-Six
Poem 3: Keeping Quiet
Poem 4: A Thing of Beauty
Poem 5: A Roadside Stand

VISTAS

Prose :

Chapter 1: The Third Level
Chapter 2: The Tiger King
Chapter 3:Journey to the End of the Earth
Chapter 4: The Enemy
Chapter 6:On the Face of It

Physics

Chapter 1 – Electric Charges and Fields
Chapter 2 - Electrostatic Potential and Capacitance
Chapter 3 - Current Electricity
Chapter 4 - Moving Charges and Magnetism
Chapter 5 - Magnetism and Matter
Chapter 6 - Electromagnetic Induction
Chapter 7 - Alternating Current
Chapter 8 - Electromagnetic Waves
Chapter 9 - Ray Optics and Optical Instruments
Chapter 10- Wave optics

Biology

Chapter-2: Sexual Reproduction in Flowering Plants
Chapter-3: Human Reproduction
Chapter-4: Reproductive Health
Chapter-5: Principles of Inheritance and Variation
Chapter-6: Molecular Basis of Inheritance
Chapter-7: Evolution

Chemistry

Unit : Solutions
Unit : Amines
Unit : Electrochemistry
Unit : d and f block elements
Unit : Coordination Compounds
Unit : Chemical Kinetics
Unit : Haloalkanes and Haloarenes
Unit : Alcohols, Phenols and Ethers(Only Alcohols are included)

Mathematics

Chapter 1: Relation and Functions
Chapter 2: Inverse Trigonometric Functions
Chapter 3: (Matrices Chapter 4: Determinants
Chapter 5: Continuity and Differentiability Chapter 6: Application of Derivatives
Chapter 7: Integrations
Chapter 8: Application of Integration
Chapter 12: Linear Programming

Applied Mathematics

Chapter 1: Numbers, Quantification and Numerical Applications
Chapter 2: Numerical Inequalities
Chapter 3: Matrices
Chapter 4: Determinants
Chapter 5: Differentiation
Chapter 6: Application of Differentiation
Chapter 9: Probability

Accountancy

Part A: Accounting for Partnership Firms and Companies

Unit 1: Accounting for Partnership Firms

Chapter 1: Fundamentals of Partnership
Chapter 2: Goodwill (Nature & Valuation)
Chapter 3: Change in the Profit Sharing Ratio
Chapter 4: Admission of a partner
Chapter 5: Retirement of a partner
Chapter 6: Death of a partner
Chapter 7: Dissolution of a partnership firm

Unit 2. Accounting for Companies

Chapter 1: Accounting for Share Capital
Chapter 2: Accounting for Debentures – Issue of Debentures

Part B: Financial Statement Analysis Unit 3: Analysis of Financial Statements

Chapter 1: Financial statements of a Company:
Chapter 2: Financial Statement Analysis
Chapter 3: Comparative & Commonsize financial statements

Business Studies

Chapter -1 Nature and Significance of Management
Chapter -2 Principles of Management
Chapter -3 Business Environment
Chapter -4 Planning
Chapter -5 Organising
Chapter -6 Staffing
Chapter -7 Directing
Chapter -8 Controlling
Chapter -11 Marketing

Economics

Part A: Introductory Macroeconomics

Chapter 1 Introduction to Macroeconomics
Chapter 2 Some basic concepts of Macroeconomics
Chapter 5 Money
Chapter 6 Banking
Chapter 7 Aggregate Demand and Aggregate Supply and related concepts
Chapter 8 Short Run Equilibrium
Chapter 9 Problem of Deficient Demand and Excess Demand
Chapter 10 Government budget
Chapter 12 Balance of Payment

Part B: Indian Economic Development

Chapter 1 Indian economy on the eve of Independence
Chapter 2 Indian economy 1950- 1990
Chapter 3 Economic Reforms Since 1991
Chapter 4 Human Capital Formation in India

Entrepreneurship

Unit 1: Entrepreneurial Opportunity
Unit 2: Enterprise Planning
Unit 3: Enterprise Marketing
Unit 4: Enterprise Growth Strategies
Unit 5: Business Arithmetic

Psychology

Chapter 1- Variations in Psychological Attributes
Chapter 2- Self and Personality
Chapter 3- Meeting Life Challenges
Chapter 4- Psychological Disorders
Chapter 5- Therapeutic Approaches

Political Science

Chapter 1: The End of Bipolarity
Chapter 2: New Centres of Power
Chapter 3: Contemporary South Asia
Chapter 4: United Nations and its Organizations
Chapter 5: Security in Contemporary World
Chapter 6: Environment and Natural Resources
Chapter 7: Globalization
Chapter 8: Challenges of Nation-Building
Chapter 9: Planned Development
Chapter 10: India's Foreign Policy

Informatics Practices

Unit 1 Data Handling using Pandas and Data Visualization
Unit 2 Database Query using SQL
Unit 3 Introduction to Computer Networks

Physical Education

Unit I Management of Sporting Events
Unit II Children & Women in Sports
Unit III Yoga as Preventive measure for Lifestyle Disease
Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang)
Unit V Sports & Nutrition
Unit VI Test & Measurement in Sports
Unit VII Physiology & Injuries in Sports

Artificial Intelligence

Part A

Chapter 2: Self-management skills-IV
Chapter 3: ICT Skills-IV
Chapter 4: Entrepreneurials Skills-IV

Part B

Unit 2: Data Science Methodology: An Analytic Approach To Capstone Project
Unit 3: Making Machines See
Unit 4: Ai With Orange Data Mining Tool
Unit 5: Introduction To Big Data And Data Analytics

Painting

1. Miniature Painting
2. The Bengal school of painting
3. Rajasthani school of miniature painting
4. The Pahari school of miniature painting
5. The Mughal School of Miniature Painting
6. The Deccan school of miniature painting
7. The Modern trends in Indian art: sculptures

Music

1. Definitions : Alankar,Gram,Murchhana,Alap,Taan,Gamak,Kan,Meend,sut and Ghaseet.
2. Introduction and notation with ekgun, dugun, Tigun and Chaugun of Rupak taal and Jhap taal.
3. Introduction and notation of Razakhani gat in raag Bhairav, Bageshwari and raag Malkauns. Maseetkhani gat in raag Bageshwari
4. Life sketch and contribution of ustad Enayat Khan and Ustad Mushtaq Ali Khan.
5. Detailed study of Sangeet Ratnakar, Sangeet Parijat and Time Theory of Raagas.

Dance

Taal :- Dhamaar Taal ,Dadara Taal,jhap Taal ,Rupak Taal, Toda, Tukra,Param in Teen Taal
Dances : Mohiniyattam, Odissi, Kuchipudi, Kathak,
Gharana: Lukhnow, Jaipur, Banaras,Rasta and its types, Costumes and makeup
Definitions: Taal, Laya, Bhramari, Lokdharmi, Natyadharmi, Ras, Bhava

Punjabi

ਪਾਠ 1 ਟੁਕੜੀ ਜੱਗ ਤੋਂ ਨਿਆਰੀ

ਪਾਠ 2 ਚੁੰਮ ਚੁੰਮ ਰੱਖੇ

ਪਾਠ 3 ਮੇਰਾ ਬਚਪਨ

ਪਾਠ 4 ਸਾਂਝ

ਪਾਠ 5 ਮਾੜਾ ਬੰਦਾ

ਪਾਠ 6 ਮੇਲੇ ਤੇ ਤਿਉਹਾਰ

ਪਾਠ 7 ਲੋਕ ਖੇਡਾਂ

ਵਾਕ ਵਟਾਂਦਰਾ ਅਖਾਣ, ਪੱਤਰ, ਅਣਡਿੱਠਾ ਪੈਰਾ

Note:
The Question Paper for the Half Yearly Examination will be based on the blueprint issued by CBSE.