

THE MODERN SCHOOL, ECNCR- DELHI
SESSION 2024-25
CLASS – S7
SYLLABUS OF PRE BOARD-1 EXAMINATION



Circular No: TMSECNCR/2024-25/25(ii)

Date: November 18, 2024

Dear Parent

This is to inform you that PB-1 Examination are beginning from **December 09, 2024 i.e. Monday**. Syllabus and Datesheet for the same is attached below for your reference.

Regards

Examination Department

SYLLABUS

ENGLISH

Reading Skills

Comprehension passages

Writing Skills

1. Notice
2. Formal & Informal Invitation and Reply
3. Formal Letters- Letter to the Editor,
Application for Job
4. Article Writing
5. Report Writing

Literature

Flamingo (Prose)

1. The Last Lesson
2. Lost Spring
3. Deep Water
4. The Rattrap
5. Indigo
6. Poets and Pancakes
7. The Interview
8. Going Places

Poems

1. My Mother at Sixty-Six
2. Keeping Quiet
3. A Thing of Beauty
4. A Roadside Stand
5. Aunt Jennifer's Tigers

Vistas (Prose)

1. The Third Level
2. The Tiger King
3. Journey to the End of the Earth
4. The Enemy
5. On the Face of it
6. Memories of Childhood:
The Cutting of My Long Hair
We Too are Human Beings

MATHEMATICS

Chapter - 1: Relations and Functions
 Chapter - 2: Inverse Trigonometric Functions
 Chapter - 3: Matrices
 Chapter - 4: Determinants
 Chapter - 5: Continuity and Differentiability
 Chapter - 6: Applications of Derivatives
 Chapter - 7: Integrals

Chapter - 8: Application of Integrals
 Chapter - 9: Differential Equations
 Chapter - 10: Vector Algebra
 Chapter - 11: Three Dimensional Geometry
 Chapter - 12: Linear Programming Problems
 Chapter - 13: Probability

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
 Chapter 11: Dual Nature of Radiation and Matter
 Chapter 12: Atoms
 Chapter 13: Nuclei
 Chapter 14: Semiconductor Electronics: Materials, Devices and Simple Circuits

CHEMISTRY

Chapter 1- Solutions
 Chapter 2- Electrochemistry
 Chapter 3- Chemical Kinetics
 Chapter 4- d- and f-block elements
 Chapter 5- Coordination Compounds
 Chapter 6- Haloalkanes and Haloarenes
 Chapter 7- Alcohols, Phenols and Ethers
 Chapter 8- Aldehydes, Ketones and Carboxylic Acids
 Chapter 9- Amines
 Chapter 10- Biomolecules

BIOLOGY

Chapter 1: Sexual reproduction in flowering plants Chapter 2: Human reproduction Chapter 3: Reproductive health Chapter 4: Principle of inheritance and variation Chapter 5: Molecular basis of inheritance Chapter 6: Evolution Chapter 7: Human health and disease	Chapter 8: Microbes in human welfare Chapter 9: Biotechnology - Principles and processes Chapter 10: Biotechnology and its applications Chapter 11: Organisms and Populations Chapter 12: Ecosystem Chapter 13: Biodiversity and conservation
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INFORMATICS PRACTICES

Unit 1- Data Handling using Pandas & Data Visualization
 Unit 2- Database Query using SQL
 Unit 3- Introduction to Computer Network
 Unit 4- Societal Impact

ACCOUNTANCY

Part A Accounting for Partnership Firms and Companies
 Unit-1 Accounting for Partnership Firms
 Unit-2 Accounting for Companies
Part B Financial Statement Analysis
 Unit-3. Analysis of Financial Statements

Unit-4. Cash Flow Statement

BUSINESS STUDIES

Part A Principles and Functions of Management

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

Part B Business Finance and Marketing

Chapter-9 Financial Management
Chapter-10 Financial Markets
Chapter-11 Marketing Management
Chapter-12 Consumer Protection

PSYCHOLOGY

UNIT I Variations in Psychological Attributes
UNIT II Self and Personality
UNIT III Meeting Life Challenges
UNIT IV Psychological Disorders
UNIT V Therapeutic Approaches
UNIT VI Attitude and Social Cognition
UNIT VII Social Influence and Group Processes

HISTORY

Chapter 1- Bricks, Beads and Bones
Chapter 2- Kings, Farmers and Towns
Chapter 3- Kinship, Caste and Class
Chapter 4- Thinkers, Beliefs and Buildings
Chapter 5- Through the eyes of travelers
Chapter 6- Bhakti- Sufi traditions
Chapter 7- An imperial Capital: Vijayanagar

Chapter 8- Peasants, zamindars and the States
Chapter 9- Colonialism and The Countryside
Chapter 10- Rebels and the raj
Chapter 11- Colonial Cities
Chapter 12- Understanding partition

GEOGRAPHY

Book 1: Fundamentals of Human Geography

Chapter 1: Human Geography- Nature and Scope
Chapter 2: The World Population - Distribution, Density, and Growth
Chapter 3: Population Composition
Chapter 4: Primary Activities
Chapter 5: Secondary Activities
Chapter 6: Tertiary and Quaternary Activities
Chapter 7: Transport, Communication and Trade
Chapter 8: International Trade

Book 2: India People and Economy

Chapter 1: Population: Distribution, Density, Growth and Composition
Chapter 2: Human Settlement
Chapter 3: Land Resources and Agriculture
Chapter 4: Water Resources
Chapter 5: Mineral And Energy Resources
Chapter 6: Planning and Sustainable Development in Indian Context
Chapter 7: Transport and Communication
Chapter 8: International Trade
Chapter 9: Geographical Perspective on selected issues and problems

ECONOMICS

Part A Introductory Macroeconomics

Unit-1 National Income and Related Aggregates
Unit-2 Money and Banking
Unit-3 Determination of Income and Employment
Unit-4 Government Budget and the Economy
Unit-5 Balance of Payments

Part B Indian Economic Development

Unit-6 Development Experience (1947-90) and Economic Reforms since 1991
Unit-7 Current Challenges facing Indian Economy

POLITICAL SCIENCE

<p>PART A - Contemporary World Politics</p> <p>L- 1 The end of Bipolarity L-2 Alternative Centres of Powers L-3 Contemporary South Asia L-4 International Organisations L-5 Security in the contemporary world L-6 Environment and Natural Resources L-7 Globalisation</p>	<p>PART B - Politics in India since Independence</p> <p>L-1 Challenges of nation building L-2 End of one party Dominance L-3 Politics of Planned Development L-4 India’s External Relations L- 5 Challenges to and Restoration of the Congress System L- 6 The crisis of democratic order L-7 Regional Aspirations L-8 Recent Developments in Indian Politics</p>
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PAINTING

<ul style="list-style-type: none"> • Introduction • Rajasthani and Pahari school of miniature painting • Mughal and Deccan school of miniature painting • The Bengal school and Modern trends in Indian art

PHE

<p>Chapter 1: Management of sporting events Chapter 2: Children and women in sports Chapter 3: Yoga as prevent measure for lifestyle disease Chapter 4: Physical education and sports for CWSN Chapter 5: Sports and Nutrition Chapter 6: Test and measurement in sports Chapter 7: Physiology and injuries in Sports Chapter 8: Biomechanics and sports Chapter 9: Psychology and sports Chapter 10: Training in Sports</p>

DATESHEET OF PRE BOARD-1 EXAMINATION

DATE	DAY	S7
09.12.2024	MONDAY	CHEM/B.ST./HIST
13.12.2024	FRIDAY	PHY/ACC/POL.SC.
16.12.2024	MONDAY	MATH/PHE/PAINTING/IP/PSY
18.12.2024	WEDNESDAY	ECO/PHE/GEO/BIO/PAINTING
20.12.2024	FRIDAY	ENGLISH