

**ARMY PUBLIC SCHOOL BARRACKPORE**

**HALF YEARLY SYLLABUS (23-24)**

**CLASS XII**

**ENGLISH CORE**

**Section - A - 22 MARKS**

Reading Comprehension (Discursive, Factual, Literary)

Reading Comprehension (Case Based)

**Section - B**

Writing - 18 marks

Notice

Formal & Informal Invitation.

Job Application

Editorial Letter

Article Writing

Report Writing

**Section - C**

Literature- 40 marks

The Last Lesson

Lost spring

Deep water

The Rattrap.

Indigo.

My Mother at Sixty Six

Keeping Quiet.

A Thing of Beauty

Third Level.

The Tiger King

Journey to the End of the Earth

## विषय - हिंदी कोर

बहुविकल्पीय(MCQ 40 मार्क्स) प्रश्न संख्या 1 से 6

- 1.अपठित गद्यांश- 1X 10=10
  - 2.अपठित काव्यांश - 1X 5
  - 3.संचार माध्यम -1X5
  4. पठित गद्यांश - 1X 5
  5. पठित काव्यांश - 1X 5
  - 6.वितान - 1X 10
- लेखन प्रश्न 7 से 14(40 मार्क्स )
- 7.रचनात्मक लेख - 6
  - 8.कहानी ,रेडियो नाटक,अप्रत्याशित विषय पर लेख - 2x 2=4
  - 9.पत्रकारिता ,संचार माध्यम - 3x 2=6
  10. काव्य पर आधारित विस्तृत प्रश्न -3x2=6
  - 11.काव्य पर लघु प्रश्न - 2x 2= 4
  12. कहानी पर आधारित विस्तृत प्रश्न 3x 2 = 6
  - 13.कहानी पर लघु प्रश्न -2x 2=4
  14. वितान पर आधारित प्रश्न -2x 2=4

पाठ्यपुस्तक

आरोह भाग - 2

काव्य

1.आत्मपरिचय

एक गीत

2.पतंग

3.कविता के बहाने

बात सीधी थी पर

4.कैमरे में बंद अपाहिज

5.उषा

6.बादल राग

कहानी

1. भक्तिन

2.बाजार दर्शन

3.काले मेघा पानी दे

4.पहलवान की ढोलक

वितान

1. सिल्वर वैडिंग

2.जूझ

## **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

## **HISTORY**

- Chapter 1- Bricks beads and bones
- Chapter 2- Kings, Farmers, Towns.
- Chapter 3- Kingship class and caste
- Chapter 4- Thinkers, Belief and Buildings
- Chapter 5- Through the eyes of the travellers
- Chapter 6- Bhaktism and Sufism
- Chapter 7- Rise of Vijaynagara
- Chapter 8- Peasants and agrarian system

## **POLITICAL SCIENCE**

1. The End of Bipolarity
2. Alternative Centres of Power
3. Contemporary South Asia
4. International Organisations
5. Security in the Contemporary World
6. Environment and Resources
7. Challenges of Nation Building
8. Politics of Planned Development
9. Era of One Party Dominance
10. India's External Relations

## **GEOGRAPHY**

### BOOK 1 FUNDAMENTALS OF HUMAN GEOGRAPHY

- Chapter 2: World Population: Distribution, Density and Growth
- Chapter 3: Human Development.
- Chapter 4: Primary Activities
- Chapter 5: Secondary Activities.
- Chapter 6: Tertiary Activities and Quaternary Activities.
- Chapter 7: Transport and Communication.
- Chapter 8: International Trade.

### BOOK-2: INDIA PEOPLE AND ECONOMY

- Chapter 1: Population: Distribution, Density, Growth and Composition.
- Chapter 2: Human Settlements.
- Chapter 3: Land Resources and Agriculture.
- Chapter 4: Water Resources.
- Chapter 5: Mineral and Energy Resources

## **BUSINESS STUDIES**

1. Nature and Significance of Management
2. Principles of Management
3. Business Environment
4. Planning
5. Organising
6. Staffing
7. Directing
8. Controlling
9. Consumer Protection

## **ACCOUNTANCY**

1. Accounting for Partnership Firms-Fundamentals
2. Goodwill: Nature and Valuation
3. Change in PSR
4. Admission of a Partner
5. Retirement of a Partner
6. Death of a Partner
7. Dissolution of a Partnership Firm.
8. Financial Statements of a Company
9. Financial Statement Analysis
10. Accounting Ratios
11. Cash Flow Statement

## **ENTREPRENEURSHIP**

1. Entrepreneurial Opportunity
2. Enterprise Planning
3. Enterprise Marketing
4. Business Arithmetic

## **ECONOMICS**

### A) INDIAN ECONOMY:

- 1) Indian Economy on the eve of independence
- 2) Indian Economy (1950-1990)  
Planning  
Agriculture  
Industry  
Trade
- 3) Liberalisation, Privatisation and Globalisation: An Appraisal
- 4) Comparative Development Experiences of India and its Neighbours.

### B) MACROECONOMICS:

- 1) National Income & Related Aggregates-(Whole Unit)
- 2) Money
- 3) Banking
- 4) Government Budget and the Economy
- 5) Foreign Exchange Rate
- 6) Balance of Payments

## **PHYSICS**

1. Electrostatics.
2. Current Electricity.
3. Magnetic effect of current and Magnetism.
4. Electromagnetic Induction and A.C
5. E.M waves
6. Dual nature of Radiation and Matter
7. Atoms and Nuclei
8. Semiconductor Physics.

## **CHEMISTRY**

1. Haloalkanes and Haloarenes
2. Alcohols, phenols and ethers
3. Aldehydes, ketones and carboxylic acids
4. Solutions
5. Electrochemistry
6. Chemical Kinetics
7. d and f block elements

## **BIOLOGY**

1. Sexual Reproduction in Flowering Plants
2. Human reproduction
3. Reproductive health
4. Principles of inheritance and variation
5. Molecular basis of inheritance
6. Evolution
7. Biotechnology: Principles and Processes
8. Biotechnology and its application
9. Ecosystem and its components.

## **Computer Science (083)**

Total Marks: 70

Chapters-

1. Revision of Python (Class-XI)
2. User Defined Functions & Modules in Python
3. Exception Handling in Python
4. Data File Handling in Python
5. Data Structure- Stack
6. DBMS and SQL

## **Informatics Practices (065)**

Total Marks: 70

Chapters-

1. Python Pandas-I
2. Python Pandas-II
3. Structured Query Language
4. Data Visualisation using Matplotlib
5. Computer Networking and Internet

## **APPLIED MATHEMATICS (241)**

1. Probability Distributions
2. Inferential Statistics
3. Time Based Data
4. Financial mathematics
5. Linear Programming
6. Matrix
7. Determinants
8. Linear Inequalities

## **MATHEMATICS (041)**

1. Relations and Functions.
2. Inverse Trigonometric Function.
3. Matrices.
4. Determinants (Minors, cofactors, Adjoint and inverse of a matrix – up to 3x3 orders, solutions of linear equations of two and three variables)
5. Continuity and differentiability (First and second order derivative)
6. Application of derivative (Rate measure, Increasing and Decreasing function, Maxima and Minima)
7. Integrals (indefinite and definite)
8. Application of integrals (areas under the curves.
9. Differential Equation.

## **PHYSICAL EDUCATION**

- Unit-I : MANAGEMENT OF SPORTING EVENTS  
Unit-II : CHILDREN AND WOMEN IN SPORTS  
Unit-III : YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE  
Unit-IV : PHYSICAL EDUCATION AND SPORT FOR CHILDREN WITH SPECIAL NEEDS  
Unit-V : SPORTS AND NUTRITION  
Unit-VI : TEST AND MEASUREMENT IN SPORTS  
Unit-X : TRAINING IN SPORTS

## **HINDUSTANI MUSIC VOCAL (Code – 034)**

Time: 02 hours

30 Marks

1. Brief study of the following:-  
Alankar, Kan, Meend, Khatka, Murki, Gamak.
2. Brief study of the following  
Gram, Murchhana, Alap, Tana.
3. Historical development of Time Theory of Ragas
4. Detail study of the following Sangeet Ratnakar Sangeet Parijat
5. Life sketch and Contribution of Faiyaz Khan, Bade Ghulam Ali Khan, Krishna Rao, Shankar Pandit
6. Description of Prescribed Talas along with Tala Notation with Thah, Dugun, Tigon and Chaugun Jhaptala Rupak Dhamar
7. Tuning of Tanpura
8. Critical study of Prescribed Ragas along with recognizing Ragas from phrases of Swaras and elaborating them excluding Raga Shuddha Sarang
9. Writing in Notation the Compositions of Prescribed Ragas.  
Bhairav · Bageshri · Malkauns

## **HINDUSTANI MUSIC VOCAL (Code – 034)**

Practical

70 Marks

1. One Vilambit Khayal with simple elaborations and few Tanas in any two of the prescribed Ragas.
2. One Drut Khayal with simple elaborations and few tanas in the following Ragas- Bhairav, Bageshri, and Malkauns.
3. One Tarana and one Dhamar with dugun and chaugun in any one of the prescribed Ragas.
4. Ability to recognize the Ragas from the Phrases of swaras rendered by the examiner.
5. Recitation of the Thekas of Jhaptala, Rupak, and Dhamar with Dugun and Chaugun, keeping tala with handbeats.
6. Tuning of Tanpura.

**PAINT (THEORY)**  
**(Code No. 049)**

**Theory**  
**30 Marks**

**(a) The Pahari School:**

1. Origin and development
2. Sub-Schools-Basohli, Guler, Kangra, Chamba and Garhwal
3. Main features of the Pahari School
4. Appreciation of the following Pahari painting

The Mughal and Deccan Schools of Miniature Painting

(16th Century AD to 19th Century A.D.)

**(a) The Mughal School**

1. Origin and development
2. Main features of the Mughal School
3. Appreciation of the following Mughal Paintings:

<b>Title</b>	<b>Painter</b>
Krishna Lifting Mount Govardhana	Miskin
Falcon on a Bird-Rest Mansoor	Ustad
Kabirand Raidas Faquirullah Khan	Ustad
Marriage Procession of Dara Shukoh	Haji Madni

**(b) The Deccan School**

1. Origin and development
2. Main features of the Deccan School
3. Appreciation of the following Deccan paintings:

<b>Tite</b>	<b>Painter</b>	<b>Sub-School</b>
Hazrat Nizamuddin Auliya and Amir Khusro	Unknown	Hyderabad
Chand Bibi Playing Polo (Chaugan)	Unknown	Gol Konda

**PRACTICAL**  
**70 Marks**

**1. Figurative composition with at least 3 human and 1 animal figure.**