



**DELHI PUBLIC SCHOOL, BARASAT**

**SESSION: 2025-26**

**CLASS: X**

**TERM WISE SYLLABUS**

**ENGLISH COMMUNICATIVE (101)**

**PERIODIC TEST I**

**ENGLISH LITERATURE:**

**Interact in English:**

1. Two Gentlemen of Verona
2. Mrs. Packletide's Tiger
3. The Letter
4. The Frog and the Nightingale

**Main Course Book:**

1. Health and Medicine

**ENGLISH LANGUAGE:**

Comprehension:

- a) Unseen Passages

Grammar:

- a) Tenses

Writing Skill

- a) Email Writing

**PERIODIC TEST II**

**ENGLISH LITERATURE:**

**Interact in English:**

1. A Shady Plot
2. Patol Babu, Film Star
3. Virtually True
4. Not Marble, or The Gilded Monuments
5. Ozymandias
6. The Dear Departed

**Main Course Book:**

1. Education
2. Science
3. Environment
4. Travel and Tourism

**ENGLISH LANGUAGE:**

Comprehension:

- a) Unseen Passages

Grammar:

- a) Modals
- b) Subject – verb concord
- c) Reported speech

Writing Skill

- a) Formal Letter
- b) Article

c) Factual Description

(NOTE: The entire PT1 syllabus will be included in PT2)

### **PERIODIC TEST III**

#### **ENGLISH LITERATURE:**

##### **Interact in English:**

1. Rime of the Ancient Mariner
2. Snake
3. Julius Caesar

##### **Main Course Book:**

1. National Integration

#### **ENGLISH LANGUAGE:**

Comprehension:

- a) Unseen Passages

Grammar:

- a) Clauses
- b) Determiners

### **PRE-BOARDS I & II:**

Full Syllabus(PT 1, PT2, PT3)

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### **MATHEMATICS(041 & 241):**

#### **PERIODIC TEST I**

CH-1 Real Numbers

CH-2 Polynomials

CH-6 Triangles

CH-8 Introduction to Trigonometry

CH-9 Some Applications of Trigonometry

#### **PERIODIC TEST II**

CH-2 Polynomials (PT 1)

CH-3 Pair of Linear equations in two variables

CH-4 Quadratic Equations

CH-6 Triangles (PT 1)

CH-9 Some Applications of Trigonometry (PT 1)

CH-10 Circles

CH-11 Area Related to circles

#### **PERIODIC TEST III**

CH-3 Pair of Linear equations in two variables (PT 2)

CH-4 Quadratic Equations (PT 2)

CH-5 Arithmetic Progressions

CH-7 Coordinate Geometry

CH-12 Surface Area and Volumes

CH-13 Statistics

CH-14 Surface Area & Volume

### **PRE-BOARDS I & II:**

Full Syllabus(PT 1, PT2, PT3)

### **SCIENCE(086):**

#### **PERIODIC TEST I**

1. Life Processes
2. Chemical Reactions and Equations
3. Electricity and its effects

### **PERIODIC TEST II**

1. Control and Coordination in Animals and Plants
2. Heredity and Evolution
3. Acids, Bases and Salts
4. Metals and Non- metals
5. Light- Reflection and Refraction
6. Human Eye and Colourful World

### **PERIODIC TEST III**

1. How do organisms reproduce?
2. Our Environment
3. Carbon and its compounds
4. Magnetic effects of Electric current

### **PRE-BOARDS I & II:**

Full Syllabus(PT 1, PT2, PT3)

### **PRACTICAL SYLLABUS**

#### **LIST OF EXPERIMENTS**

1. A. Finding the pH of the following samples by using pH paper/universal indicator: Unit-I

- (i) Dilute Hydrochloric Acid
- (ii) Dilute NaOH solution
- (iii) Dilute Ethanoic Acid solution
- (iv) Lemon juice
- (v) Water
- (vi) Dilute Hydrogen Carbonate solution

B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:  
Unit-I

- a) Litmus solution (Blue/Red)
- b) Zinc metal
- c) Solid sodium carbonate

2. Performing and observing the following reactions and classifying them into: Unit-I

- A. Combination reaction
  - B. Decomposition reaction
  - C. Displacement reaction
  - D. Double displacement reaction
- (i) Action of water on quicklime
  - (ii) Action of heat on ferrous sulphate crystals
  - (iii) Iron nails kept in copper sulphate solution
  - (iv) Reaction between sodium sulphate and barium chloride solutions

3. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: Unit-I

- i)  $\text{ZnSO}_4(\text{aq})$
- ii)  $\text{FeSO}_4(\text{aq})$
- iii)  $\text{CuSO}_4(\text{aq})$
- iv)  $\text{Al}_2(\text{SO}_4)_3(\text{aq})$

Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.

4. Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.

Unit-IV

- |  |            |
|--|------------|
| 5. Determination of the equivalent resistance of two resistors when connected in series and parallel.  | Unit-IV    |
| 6. Preparing a temporary mount of a leaf peel to show stomata.   | Unit- II   |
| 7. Experimentally show that carbon dioxide is given out during respiration.  | Unit-II    |
| 8. Study of the following properties of acetic acid (ethanoic acid):   | Unit- I    |
| i) Odour   |            |
| ii) solubility in water  |            |
| iii) effect on litmus  |            |
| iv) reaction with Sodium Hydrogen Carbonate  |            |
| 9. Study of the comparative cleaning capacity of a sample of soap in soft and hard water.  | Unit- I    |
| 10. Determination of the focal length of:  | Unit-III   |
| i) Concave mirror  |            |
| ii) Convex lens by obtaining the image of a distant object.  |            |
| 11. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result. | Unit - III |
| 12. Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.  | Unit-II    |
| 13. Tracing the path of the rays of light through a glass prism.   | Unit-III   |
| 14. Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).   | Unit-II    |
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## **SOCIAL SCIENCE(087):**

### **HISTORY:**

#### **PERIODIC TEST I**

The Rise of Nationalism in Europe

#### **PERIODIC TEST II**

Nationalism in India

The Making of a Global World ( till 1.3- Conquest, Disease and Trade)

Map work

#### **PERIODIC TEST III**

The Age of Industrialization

Print Culture and the Modern World

**Annual Examination/ Pre- Boards: (All Chapters excluding The Age of Industrialization)**

### **CIVICS:**

#### **PERIODIC TEST I**

Power - Sharing

#### **PERIODIC TEST II**

Federalism

Gender, Religion and Caste

#### **PERIODIC TEST III**

Political Parties

Outcomes of Democracy

**Annual Examination/ Pre- Boards: (All Chapters)**

### **GEOGRAPHY**

#### **PERIODIC TEST I**

- Resource and Development
- Forest and Wildlife

#### **PERIODIC TEST II**

- Water Resources
- Agriculture
- Lifelines of National Economy (CBSE Project + Map Work)

### **PERIODIC TEST III**

- Mineral and Power Resources
- Manufacturing Industries

**Annual Examination/ Pre- Boards: (All Chapters)**

### **ECONOMICS**

#### **PERIODIC TEST I**

- Development

#### **PERIODIC TEST II**

- Sectors of Indian Economy
- Globalisation (CBSE Project)

#### **PERIODIC TEST III**

- Money and Credit
- Consumer Rights (Activity/ Project)

**Annual Examination/ Pre- Boards: (All Chapters)**

#### **Project Work / Activity (Social Science):**

- Globalisation and The making of the Global World (Interdisciplinary project)
- Consumer Rights OR Social Issues OR Sustainable Development
- Disaster Management / Life Skill.

**Note: This is as per 2024-25 syllabus. Projects and Topics MAY change.**

### **SECOND LANGUAGE BENGALI(005):**

<b><u>PERIODIC TEST 1</u></b>	<b><u>PERIODIC TEST-2</u></b>	<b><u>PERIODIC TEST-3</u></b>
<b><u>সাহিত্য</u></b> <ul style="list-style-type: none"><li>• জ্ঞানচক্ষু</li><li>• আলোবাবু</li><li>• আয় আরো বেঁধে বেঁধে থাকি</li></ul> <b><u>ব্যাকরণ</u></b> <ul style="list-style-type: none"><li>• ব্যঞ্জনসন্ধি</li><li>• সমাস – দ্বন্দ</li></ul> <b><u>নির্মিতি</u></b> <ul style="list-style-type: none"><li>• পত্র রচনা (Official)</li><li>• বোধ পরীক্ষণ</li></ul> <b><u>সহায়কপাঠ</u></b> <ul style="list-style-type: none"><li>• গল্পগুচ্ছ – কাবুলিওয়ালা</li></ul>	<b><u>সাহিত্য</u></b> <ul style="list-style-type: none"><li>• বহুরূপী</li><li>• একাকারে</li><li>• অস্ত্রের বিরুদ্ধে গান</li></ul> <b><u>ব্যাকরণ</u></b> <ul style="list-style-type: none"><li>• বাক্য পরিবর্তন (সরল, জটিল, যৌগিক)</li><li>• সাধু ও চলিত</li><li>• সমাস – কর্মধারয়</li></ul> <b><u>নির্মিতি</u></b> <ul style="list-style-type: none"><li>• অনুচ্ছেদ রচনা</li><li>• বোধ পরীক্ষণ</li></ul> <b><u>সহায়কপাঠ</u></b> <ul style="list-style-type: none"><li>• গল্পগুচ্ছ – পোষ্টমাষ্টার</li></ul> <p>(The entire PT1 syllabus will be included in PT2)</p>	<b><u>সাহিত্য</u></b> <ul style="list-style-type: none"><li>• তিন পাহাড়ের কোলে</li><li>• অদল বদল</li></ul> <b><u>ব্যাকরণ</u></b> <ul style="list-style-type: none"><li>• বিসর্গ সন্ধি</li><li>• সমাস – অব্যয়ীভাব</li></ul> <b><u>নির্মিতি</u></b> <ul style="list-style-type: none"><li>• প্রতিবেদন রচনা</li><li>• পত্র রচনা (Official)</li><li>• বোধ পরীক্ষণ</li></ul> <b><u>সহায়কপাঠ</u></b> <ul style="list-style-type: none"><li>• গল্পগুচ্ছ – দান প্রতিদান</li></ul>

### **PRE-BOARDS I & II:**

**Full Syllabus(PT 1, PT2, PT3)**

**SECOND LANGUAGE- HINDI-B(085):**

**PERIODIC TEST 1**

**साहित्य (स्पर्श भाग -2)**

- १) साखी (कबीर)
- २) बड़े भाई साहब (प्रेमचंद)

**संचयन भाग-2**

- १) हरिहर काका

**व्याकरण**

- १) पदबंध
- २) रचना के आधार पर वाक्य रूपांतरण
- ३) मुहावरे

**लेखन**

- १) अपठित गद्यांश
- २) सूचना लेखन
- ३) विज्ञापन लेखन

**PERIODIC TEST 2**

**साहित्य (स्पर्श भाग-2)**

- १) पद (मीरा)
- २) मनुष्यता
- ३) डायरी का एक पन्ना
- ४) ततारा वामीरो कथा

**संचयन भाग-2**

- १) सपनों के - से दिन

**व्याकरण**

- १.) पदबंध
- २.) रचना के आधार पर वाक्य रूपांतरण
- ३.) समास
- ४.) मुहावरे

**लेखन**

१. अनुच्छेद
२. औपचारिक पत्र
३. सूचना लेखन
४. विज्ञापन लेखन
५. लघुकथा लेखन
६. ई-मेल लेखन
७. अपठित गद्यांश

## PERIODIC TEST III

साहित्य (स्पर्श भाग-2)

- १) पर्वत प्रदेश में पावस
  - २) अब कहाँ दूसरे के दुःख से दुखी होने वाले
- संचयन भाग -2
- १) राही मासूम रजा

व्याकरण

- १) पदबंध
  - २) रचना के आधार पर वाक्य रूपांतरण
  - ३) समास
  - ४) मुहावरे
- लेखन
- १ अनुच्छेद
  - २ औपचारिक पत्र
  - ४ सूचना लेखन
  - ४ विज्ञापन लेखन
  - ५ लघुकथा लेखन
  - ६ ई-मेल लेखन
  - ७ अपठित गद्यांश

## **PRE-BOARDS I & II:**

Full Syllabus(PT 1, PT2, PT3)

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## **Artificial Intelligence(417):**

### **PERIODIC TEST 1:**

#### **PART A: Employability Skills**

Unit 1: Communication Skills II

Unit 2: Self – Management II

#### **PART B: Subject Specific Skills**

Unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI

Unit 2 : Advanced Concepts of Modeling in AI

Unit 3: Evaluating Models

### **PERIODIC TEST 2:**

#### **PART A: Employability Skills**

Unit 3: Basic ICT Skills- II

Unit 4: Entrepreneurial Skills II

#### **PART B: Subject Specific Skills**

Unit 4: Statistical Data

Unit 5: Computer Vision

#### **PART C: Practical Syllabus**

Unit 4: Statistical Data

Unit 7: Advance Python

**Practical File (Minimum 10 Programs)**

**Practical Examination and Viva Voce**

**Project Work**

### **PERIODIC TEST 3:**

#### **PART A: Employability Skills**

Unit 5: Green Skills -II

#### **PART B: Subject Specific Skills**

Unit 6 : Natural Language Processing

#### **PRE-BOARD:**

Full Syllabus (PT1, PT2, PT3)

#### **PART C: Practical Syllabus**

Unit 5: Computer Vision

Unit 6: Natural Language Processing

## **Art And Craft:**

### **TERM-1**

1. Introduction
2. Drawing
3. Painting
4. Modelling
5. Print making

### **TERM-2**

1. Applied Art
2. Art and Traditions
3. Displaying Art
4. Art Around Us

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## **Health And Physical Education:**

### **TERM-1**

#### **PHYSICAL ACTIVITY:**

1. Sprint/ Middle- and Long-distance races.
2. Stretching exercise
3. General Physical fitness exercises
4. Command and marching
5. Yoga and Meditation

#### **GAMES-**

##### **Major games**

1. Table Tennis
2. Athletics
3. Football
4. Cricket

### **TERM-2**

#### **PHYSICAL ACTIVITY:**

1. General Physical fitness Training
2. Stretching exercise
3. Command and marching
4. Drills
5. Yoga and Meditation

#### **GAMES-**

##### **Major games**

1. Football
2. Handball
3. Cricket
4. Badminton
5. Table Tennis
6. Basketball
7. Athletics