



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)

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):

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

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)

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
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