



DELHI PUBLIC SCHOOL (JOKA) SOUTH KOLKATA
SUBJECT: ENGLISH
CLASS: X

PERIODIC ASSESSMENT-I

1. Reading Comprehension (Unseen Passage)

2. Writing Skill

Formal Letter based on a given situation

- Letter of Complaint (Business)
- Letter of Complaint (Official)

3. Grammar

- Tenses (Past, Present and Future)
- Determiners

4. Literature:

First Flight

Prose

- A Letter to God
- Nelson Mandela - Long Walk to Freedom

Poems

- Dust of Snow
- Fire and Ice
- A Tiger in the Zoo

Footprints Without Feet

- A Triumph of Surgery

PERIODIC ASSESSMENT-II

1. Reading Comprehension (Unseen Passage)

2. Writing Skills

Formal Letter based on a given situation

- Letter to Editor

3. Grammar

- Reported Speech (Commands and requests, Statements, Questions)
- Modals

4. Literature

First Flight

Prose

- Two Stories About Flying
- From the Diary of Anne Frank

Poems

- How To Tell Wild Animals
- The Ball Poem

Footprints Without Feet

- The Midnight Visitor
- Footprints Without Feet

MID TERM EXAMINATION

1. Reading Comprehension (Unseen Passages)

2. Writing Skills

Formal letter based on a given situation

3. Grammar

- Subject-Verb Concord
- Tenses
- Modals
- Determiners

- Reported Speech (Commands and Requests, Statements, Questions)

4. Literature

First Flight

Prose

- Madam Rides the Bus
- Mijbil The Otter
- A Letter to God
- Nelson Mandela - Long Walk to Freedom
- Two Stories About Flying
- From the Diary of Anne Frank

Poems

- The Trees
- Amanda
- Dust of Snow
- Fire and Ice
- The Ball Poem
- How To Tell Wild Animals

Footprints Without Feet

- The Thief's Story
- The Making of a Scientist
- A Triumph of Surgery
- Footprints Without Feet
- The Midnight Visitor

Words and Expressions II (Workbook for Class X) – Units 1 to 4

***Assessment of Speaking and Listening Skills**

***Art Integrated Activity (Chart Paper Activity)**

PRE-BOARD EXAMINATION

1. Reading Comprehension (Unseen Passages)

2. Writing Skills

1. Formal letter based on a given situation
2. Analytical Paragraph (based on map /chart/graph/cue)

3. Grammar

- Tenses
- Modals
- Subject Verb Concord
- Determiners
- Reported Speech (Commands and Requests, Statements, Questions)

4. Literature

First Flight

Prose

1. Glimpses of India
2. The Sermon at Benares
3. The Proposal (Play)
4. A letter to God
5. Nelson Mandela - Long Walk to Freedom
6. Two Stories About Flying
7. From the Diary of Anne Frank
8. Mijbil the Otter
9. Madam Rides the Bus

Poems

1. Dust of Snow
2. Fire and Ice
3. A Tiger in the Zoo
4. How to Tell Wild Animals
5. The Ball Poem
6. Amanda
7. The Trees
8. Fog

9. The Tale of Custard the Dragon
10. For Anne Gregory

Footprints Without Feet

1. The Necklace
2. Bholi
3. The Book That Saved the Earth
4. A Question of Trust
5. Footprints Without Feet
6. The Making of a Scientist
7. A Triumph of Surgery
8. The Thief's Story
9. The Midnight Visitor

Words and Expressions II (Workbook for Class X) – Units 1 to 4 and 7 to 11.

***Assessment of Speaking and Listening Skills**

***Art Integrated Activity**

Deleted Topics:

1. Grammar

- Use of Passive Voice
- Clauses: Noun, Adverb Clause of Condition and Time, Relative Clauses
- Prepositions

2. Literature

First Flight

Prose

- The Hundred Dresses-I
- The Hundred Dresses-II

Poem

- Animals

Footprints Without Feet

- The Hack Driver

SESSION: 2023-2024

CLASS – X

SUBJECT: MATHEMATICS

WEEKLY TEST 1

1. REAL NUMBER
2. POLYNOMIALS
3. PROBABILITY
4. TRIANGLES
5. INTRODUCTION TO TRIGONOMETRY

Subject Enrichment Activity: To verify the Basic Proportionality Theorem using parallel line property & triangle cut – outs.

WEEKLY TEST 2

1. TRIGONOMETRIC IDENTITIES
2. CIRCLES
3. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES
4. COORDINATE GEOMETRY
5. HEIGHTS AND DISTANCES

Subject Enrichment Activity: To obtain the conditions for consistency of a system of Linear equations in two variables by Graphical Method.

MIDTERM EXAMINATIONS

1. REAL NUMBER
2. POLYNOMIALS
3. PROBABILITY
4. TRIANGLES
5. INTRODUCTION TO TRIGONOMETRY
6. TRIGONOMETRIC IDENTITIES
7. CIRCLES
8. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES
9. COORDINATE GEOMETRY
10. HEIGHTS AND DISTANCES
11. AREAS RELATED TO CIRCLE
12. STATISTICS

PREBOARD EXAMINATIONS

- 1. REAL NUMBER**
- 2. POLYNOMIALS**
- 3. PROBABILITY**
- 4. TRIANGLES**
- 5. INTRODUCTION TO TRIGONOMETRY**
- 6. TRIGONOMETRIC IDENTITIES**
- 7. CIRCLES**
- 8. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES**
- 9. COORDINATE GEOMETRY**
- 10. HEIGHTS AND DISTANCES**
- 11. AREAS RELATED TO CIRCLE**
- 12. STATISTICS**
- 13. ARITHMETIC PROGRESSIONS**
- 14. QUADRATIC EQUATIONS**

SURFACE AREAS AND VOLUMES

SESSION: 2023-24
CLASS-X
SUBJECT: SCIENCE

Periodic Assessment- I

Physics

Natural Phenomena:

- 1. Reflection of light by curved surfaces:** Images formed by spherical mirrors, Centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required), magnification.
- 2. Refraction:** Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens.
- 3. The Human Eye and the Colourful World:** Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses.

Practical:

1. 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.
2. Determination of the focal length of: i) Convex lens, ii) Concave mirror by obtaining the image of a distant object.

Chemistry

1. Chemical Reactions and Equations

Chemical equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, neutralization, oxidation and reduction.

Practical

- 1: Performing and observing the following reactions and classifying them into:
a) Combination reaction

- b) Decomposition reaction
- c) Displacement reaction
- d) Double displacement reaction:
 - (i) Action of water on quick lime
 - (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.

2. Acids, Bases and Salts

Their definitions in terms of furnishing of H^+ and OH^- ions, General properties, examples and uses, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, bleaching powder, baking soda, Washing soda and Plaster of Paris.

Practical

1: Finding the pH of the following samples by using pH paper / universal indicator:

- a) Dilute Hydrochloric Acid
- b) Dilute NaOH solution
- c) Dilute Ethanoic Acid Solution
- d) Lemon juice
- e) Water
- f) Dilute Hydrogen Carbonate solution)

Practical

2: Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:

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

Practical

3: Study of the following properties of acetic acid (ethanoic acid):

- i) odour
- ii) solubility in water
- iii) effect on litmus
- iv) reaction with Sodium Hydrogen Carbonate

Practical

4: Study of the comparative cleaning capacity of a sample of soap in soft and hard water.

Biology

1. Life Processes : 'Living Being'. Basic concept of nutrition, respiration, transport and excretion in plants and animals.

Activity :

1. Experimentally show that carbon dioxide is given out during respiration.
- 2: Preparing a temporary mount of a leaf peel to show stomata.

Periodic Assessment- II

Physics

1. The Human Eye and the Colourful World (contd): Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life (excluding colour of the sun at sunrise and sunset).

2. Electricity (Effects of Current)

Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life, Heating Effect of electric current and its application in daily life, Electric Power : Interrelation between P, V, I and R .

Practical:

1. 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.
2. Determination of the equivalent resistance of two resistors when connected in series and parallel.

Chemistry

1. Metals and Non-Metals

Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention.

Practical 1: Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions:

- a) ZnSO_4 (aq)
- b) FeSO_4 (aq)
- c) CuSO_4 (aq)
- d) $\text{Al}_2(\text{SO}_4)_3$ (aq)

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

Biology

1. How do Organisms Reproduce?

Reproduction in animals and plants (asexual and sexual) reproductive health - need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health.

Activity :

1. Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.
2. Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).

Midterm Examination

Physics

- 1. Reflection of light by curved surfaces**
- 2. Refraction**
- 3. Electricity (Effects of Current)**

Chemistry

- 1. Chemical Reactions and Equations**
- 2. Acids, Bases and Salts**
- 3. Metals and Non-Metals**

Biology

- 1. Life processes**
- 2. How Do Organisms Reproduce?**

- 3. Control and Co-ordination in Animals and Plants:** Tropic movements in plants; Introduction of plant hormones; Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination: animal hormones.

Post Mid-term Syllabus

Physics

1. Magnetic effects of current: Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.

Chemistry

1. Carbon and Its Compounds

Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series. Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes), difference between saturated hydrocarbons and unsaturated hydrocarbons. Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents.

Biology

1. Our Environment:

Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.

2. Heredity and Evolution

Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction. (topics excluded - evolution; evolution and classification and evolution should not be equated with progress).

CHAPTER ONLY FOR INTERNAL ASSESSMENT

Biology

Chapter – 16 Management of natural resources [Unit V]

Conservation and judicious use of natural resources. Forest and wild life; Coal and Petroleum conservation. Examples of people's participation for conservation of natural resources. Big dams: advantages and limitations; alternatives, if any. Water harvesting. Sustainability of natural resources.

[Note: Learners are assigned to read the above listed part of (Unit V).

They can be encouraged to prepare a brief write up on any one concept of this Unit in their Portfolio. This may be an assessment for Internal Assessment and credit may be given (Periodic assessment/Portfolio).

This portion of the Unit is not to be assessed in the year-end examination.]

SUBJECT: SOCIAL SCIENCE

CLASS-X

SESSION: 2023-2024

1st Periodic Assessment

History

- Ch 1-The Rise of Nationalism in Europe

Civics

- Ch 1-Power Sharing

Geography

- Ch-1 Resource and development
- Ch -2 Forest and Wildlife

Economics

- Ch-1 Development

Inter-disciplinary Project: A Tale of Post war economy of Globalisation

2nd Periodic Assessment

History

- Ch 2-Nationalism in India
- Ch 4-The Age of Industrialization (Sub unit – 4, 5 & 6)

Civics

- Ch 2-Federalism

Geography

- Ch-4 Agriculture

Economics

- Ch-2 Sectors of the Indian Economy

Subject Enrichment: Collage making on different News clippings of Consumer Court Verdicts/Consumer awareness/Advertisements.

Mid-Term

History

- Ch 1- The Rise of Nationalism in Europe
- Ch 3- Nationalism in India

Map work as per CBSE guidelines

Civics

- Ch 5-Outcomes of Democracy
- Ch 1-Power sharing
- Ch 2-Federalism

Geography

- Ch-1 Resource and development
- Ch -2 Forest and Wildlife
- Ch-3: Water Resources
- Ch-4 Agriculture

Economics

- Ch-1 Development
- Ch-2 Sectors of Indian economy

Map work as per CBSE guidelines

Practice Examination/Pre-Board Examination

As per CBSE guidelines

History

- Ch 7-Print Culture and the Modern World
- Ch 3- The Making of A Global World (Sub-unit I)
- Ch 1-The Rise of Nationalism in Europe
- Ch 2-Nationalism in India

Civics

- Ch 5-Outcomes of Democracy
- Ch 1-Power sharing
- Ch 2-Federalism
- Ch 3- Gender, Caste and Religion
- Ch 4-Political Parties

Map work as per CBSE guidelines

Geography

- Ch-1 Resource and development
- Ch -2 Forest and Wildlife
- Ch-3: Water Resources
- Ch-4 Agriculture
- Ch 5: Mineral and power Resources
- Ch 6: Manufacturing industries
- Ch-7 Lifelines of National Economy

(Only Map Pointing to be evaluated)

Economics

- Ch-1 Development
- Ch-2 Sectors of Indian economy
- Ch-3 Money and Credit
- Ch-4: Globalisation and the Indian economy

To be evaluated

- What is Globalisation?
- Factors that have enabled Globalisation

CBSE Board Examination

As per CBSE guidelines

SUBJECT-HINDI (2ND LANGUAGE)

CLASS-X

SESSION: 2023-2024

PERIODIC ASSESSMENT - I

स्पर्श- डायरी का एक पन्नाकबीर की , साखीमीरा , के पद

व्याकरण- शब्द व पद समास ,, औपचारिक पत्र अनुच्छेद , लेखन

PERIODIC ASSESSMENT -II

स्पर्श- पर्वत प्रदेश में पावसबड़े ,तताँरा वामीरो कथा , भाई साहबतोप,कर चलें हम फ़िदा,

व्याकरण-मुहावरें,रचना के आधार पर वाक्य के भेद , सूचनाविज्ञापन लेखन ,

MID-TERM EXAMINATION

स्पर्श - पतझर में टूटी पतियाँअब , कहाँ दूसरों के दुख में दुखी होने वाले,

तीसरी कसम के शिल्पकारशैलेंद्र-, बड़े भाई साहब, कबीर की साखी,मीरा के पद , पर्वत प्रदेश में पावस,तताँरा वामीरो कथा , तोप, डायरी का एक पन्ना

संचयन - हरिहर काका सपनों के से दिन ,

व्याकरण -शब्द व पद ,मुहावरें ,समास ,रचना के आधार पर वाक्य के भेद ,

अनुच्छेद लेखनलघु कथा लेखन एवं ईमेल लेखन ,विज्ञापन लेखन ,सूचना ,पत्र लेखन ,

- **ACTIVITY-** नाट्य रूपान्तरणश्रवण तथा , वाद विवाद ,परियोजना कार्य , वाचन कला, कला समेकित परियोजना कार्य संवर्धन गतिविधियां

PRE-BOARDEXAMINATION -

स्पर्श -आत्मत्राणपतझर , कारतूस , मनुष्यता , में टूटी पतियाँ अब , कहाँ दूसरों के दुख में दुखी होने वाले, कर चलें हम फ़िदापर्वत प्रदेश में , मीरा के पद , साखी , बड़े भाई साहब , डायरी का एक पन्ना ,तोप , तताँरा वामीरो कथा , पावस

संचयन- टोपी शुक्लासपनों के से दिन , हरिहर काका ,

व्याकरण -शब्द व पद मुहावरें , समास , रचना के आधार पर वाक्य के भेद , अनुच्छेद लेखनलघु कथा लेखन एवं ईमेल लेखन,विज्ञापन लेखन ,सूचना, पत्र लेखन ,

(FULL SYLLABUS AS PER C.B.S.E CURRICULAM)

**** IN CBSE CLASS -X EXAMINATION THE ENTIRE YEAR'S SYLLABUS WILL BE ASSESSED.**

SUBJECT: BENGALI 2nd LANGUAGE

SESSION:2023-2024

CLASS-X

Syllabus for First Round Weekly Test

সাহিত্য : জ্ঞানচক্ষু (গদ্য)
তিন পাহাড়ের কোলে (পদ্য)
একাকারে (পদ্য)
ব্যাকরণ : ব্যঞ্জন সন্ধি (যুক্ত ও বিযুক্ত (দ্বন্দ্ব) সমাস (
নির্মিতি : বোধপরীক্ষণ অনুচ্ছেদ ,

Syllabus for Second Round Weekly Test

সাহিত্য : আলোবাবু (গদ্য)
অস্ত্রের বিরুদ্ধে গান (পদ্য)
সহায়ক পাঠ : পোস্টমাস্টার
ব্যাকরণ (কর্মধারয়) সমাস , (যৌগিক, জটিল, সরল) বাক্য পরিবর্তন, :
নির্মিতি : পত্ররচনা)সম্পাদকীয় (, বোধপরীক্ষণ

Syllabus for Mid Term Examination

সাহিত্য : জ্ঞানচক্ষু (গদ্য)
আলোবাবু (গদ্য)
একাকারে (পদ্য)
তিন পাহাড়ের কোলে (পদ্য)
সহায়ক পাঠ : কাবুলিওয়ালা পোস্টমাস্টার ,
ব্যাকরণ : ব্যঞ্জন সন্ধি (যুক্ত ও বিযুক্ত সমাস , (যৌগিক, জটিল, সরল) বাক্য পরিবর্তন, (
(কর্মধারয় , দ্বন্দ্ব)
নির্মিতি : পত্ররচনা)সম্পাদকীয় (, অনুচ্ছেদ লিখন বোধপরীক্ষণ,

Syllabus for Pre – Board and Final Term Examination

সাহিত্য : জ্ঞানচক্ষু (গদ্য)
বহুরূপী (গদ্য)
আলোবাবু (গদ্য)
অদল বদল (গদ্য)

তিন পাহাড়ের কোলে (পদ্য)
আয় আরো বেঁধে বেঁধে থাকি(পদ্য)
একাকারে (পদ্য)
অস্ত্রের বিরুদ্ধে গান
(পদ্য)

সহায়ক পাঠ : দান প্রতিদান পোস্টমাস্টার , কাবুলিওয়ালা ,
ব্যাকরণ : ব্যঞ্জন সন্ধি (যুক্ত ও বিযুক্ত ,বিসর্গসন্ধি (যুক্ত ও বিযুক্ত,(বাক্য পরিবর্তন ,সরল)
জটিল (যৌগিক,, সাধু ও চলিত রীতি ,দ্বন্দ্ব) সমাস ,কর্মধারয়(অব্যয়ীভাব ,
নির্মিতি : অনুচ্ছেদ রচনা) পত্ররচনা,সম্পাদকীয় (,বোধ পরীক্ষণ

SUBJECT ENRICHMENT :বিতর্ক .শ্রবণ দর্শন ভিত্তিক দক্ষতা ,

SUBJECT: INFORMATION TECHNOLOGY

MID TERM EXAMINATION	Chapter No. 6. Digital Documentation (Advanced) Chapter No. 7. Electronic Spreadsheet (Advanced) Chapter No. 9. Web Application and Security
ANNUAL EXAMINATION	Chapter No. 8. Data Base Management System Chapter No. 5. Green Skills II Chapter No. 3. Information and Communication Technology Skills-II

SESSION: 2023-2024
CLASS - X