



DELHI PUBLIC SCHOOL (JOKA), SOUTH KOLKATA

CLASS-IX

SESSION: 2023-2024

SUBJECT: ENGLISH

Periodic Assessment I

Reading Comprehension

Writing Skills

Descriptive Paragraph (person/event/situation based on visual or verbal cue/s).

Grammar

Tenses

Modals

Literature

Beehive

The Fun They Had

The Sound of Music

Wind

Supplementary Reader: Moments

- The Lost Child
- The Adventures of Toto

Periodic Assessment II

Reading Comprehension

Writing Skills

Diary Entry

Grammar

Reported Speech

Tenses

Literature

Beehive

The Lake of Innisfree

The Snake and the Mirror

A Truly Beautiful Mind

The Little Girl

A Legend of the Northland

Supplementary Reader: Moments

Ishwaran the Storyteller

In the Kingdom of Fools

Mid Term Examination

Reading Comprehension

Writing Skills:

Diary Entry

StoryWriting

Descriptive Paragraph (person/event/situation based on visual or verbal cue/s).

Grammar:

Tenses

Modals

Reported Speech

Literature:

Beehive

- The Fun They Had
- The Sound of Music
- Wind
- The Little Girl
- A Truly Beautiful Mind
- The Lake of Innisfree
- The Snake and the Mirror
- My Childhood
- A Legend of the Northland

No Men are Foreign

Reach for the Top

Supplementary Reader: Moments

The Lost Child

The Adventures of Toto

Ishwaran the Storyteller

In the Kingdom of Fools

The Happy Prince

Words and Expressions I (Workbook for Class IX)-Units 1 to 6

Assessment of Listening and Speaking

SkillsArt Integrated Project

Periodic Assessment III

Reading Comprehension

Writing Skills:

Descriptive paragraph on person, place or event based on visual or verbal cue/s.

Grammar

Determiners

Subject Verb Concord

Literature

Beehive

The Road Not Taken

Kathmandu

On Killing a Tree

A Slumber Did My Spirit Seal

Supplementary Reader: Moments

The Last Leaf

The Beggar

Words and Expressions I (Workbook for Class IX)- Unit 8

Annual Examination

Reading Comprehension

Writing Skills

Story Writing

Descriptive Paragraph on person, place or event

Diary Entry

Grammar

Tenses

Modals

Reported Speech

Subject Verb Concord

Determiners

Literature:

Beehive

- The Fun They Had
- The Sound of Music
- The Road Not Taken
- Wind
- The Little Girl
- A Truly Beautiful Mind
- Rain on the Roof
- The Lake of Innisfree
- The Snake and the Mirror
- My Childhood
- A Legend of the Northland
- No Men are Foreign
- Reach for the Top
- Kathmandu
- On Killing a Tree
- A Slumber Did My Spirit Seal
- If I Were You

Supplementary Reader: Moments

The Lost Child

The Adventures of Toto

Ishwaran the Storyteller

In the Kingdom of Fools

The Happy Prince

The Last Leaf

A House is Not a Home

The Beggar

Words and Expressions I (Workbook for Class IX)-Units 1 to 6 and Units 8, 10 and 11

Assessment of Listening and Speaking Skills

Art Integrated Project Work

SUBJECT: MATHEMATICS
CLASS - IX
SESSION: 2023-2024

WEEKLY TEST- 1

- 1. Number Systems**
- 2. Polynomials**
- 3. Introduction to Euclid's Geometry**

WEEKLY TEST- 2

- 1. Coordinate Geometry**
- 2. Lines and Angles**
- 3. Areas (Heron's Formula)**

Subject Enrichment Activity: To verify that the opposite angles of a Cyclic Quadrilateral are supplementary.

MID-TERM EXAMINATION

- 1. Number Systems**
- 2. Polynomials**
- 3. Introduction to Euclid's Geometry**
- 4. Coordinate Geometry**
- 5. Lines and Angles**
- 6. Areas (Heron's Formula)**
- 7. Linear Equations in Two Variables**
- 8. Triangles**

WEEKLY TEST- 3

- 1. Quadrilaterals**
- 2. Statistics**

Subject Enrichment Activity: To verify that the angle subtended by an arc of a circle at the centre is double the angle subtended by it at any point on the remaining part of the circle

ANNUAL EXAMINATION

- 1. Number Systems**

2. Polynomials
3. Introduction to Euclid's Geometry
4. Coordinate Geometry
5. Lines and Angles
6. Areas (Heron's Formula)
7. Linear Equations in Two Variables
8. Triangles
9. Quadrilaterals
10. Statistics
11. Surface Areas and Volumes
12. Circles

SESSION: 2023-24

SUBJECT: SCIENCE

CLASS: IX

Periodic Assessment –I

Physics

1. Motion: Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, elementary idea of uniform circular motion.

Chemistry

1. Matter in our Surrounding (Matter-Nature and Behaviour)

(Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state-melting(absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation.)

Practical: Determination of the melting point of ice and the boiling point of water

Biology

1. The fundamental unit of life

Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number.

Activity:

1. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record observations and draw their labeled diagrams.
2. To prepare a chart showing a labeled pictorial representation of a plant cell and an animal cell.

Periodic Assessment –II

Physics

1. Force and laws of Motion: Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration.

Chemistry

1. Structure of the Atom

(Electrons, protons and neutrons, valency, chemical formula of common compounds. Isotopes and Isobars)

Biology

Biology

1. Tissues

Structure and functions of animal and plant tissues (only four types of tissues in animals; Meristematic and Permanent tissues in plants).

Activity:

1. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth, and cardiac muscle fibres and nerve cells in animals, from prepared slides. Draw their labeled diagrams.

Mid-term

Examination Physics

1. Motion

2. Force and Laws of Motion

3. Gravitation: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth

(gravity), Acceleration due to Gravity; Mass and Weight; Free fall. **Floatation:** Thrust and Pressure. Archimedes' Principle; Buoyancy

Practical: 1) Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.

2) Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids.

3) Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.

Chemistry

1. Structure of the atom

2. Matter in our Surrounding (Matter-Nature and Behaviour)

Biology

1. The fundamental unit of life : Cell

2. Tissues

Periodic Assessment –III

Physics

1. Work, Energy and Power: Work done by a Force, Energy, power; Kinetic and Potential energy; Law of conservation of energy (excluding commercial unit of Energy).

Chemistry

1. Is Matter around us pure? (Nature of matter)

Elements, compounds and mixtures. Heterogeneous and homogeneous mixtures, colloids and suspensions, Physical and chemical changes (excluding separating the components of a mixture)

2. Atoms and Molecules (Particle nature and their basic units)

Atoms and molecules, Law of Chemical Combination, Chemical formula of common compounds, Atomic and molecular masses.

Practical-

1. Verification of the law of conservation of mass in a chemical reaction.

2. Preparation of

- a. a true solution of common salt, sugar and alum
- b. a suspension of soil, chalk powder and fine sand in water
- c. a colloidal solution of starch in water and egg albumin/milk in water and distinction between these on the basis of:
 - ❖ transparency
 - ❖ filtration criterion
 - ❖ stability

3. Preparation of

a) A mixture

b) A compound

using iron filings and sulphur powder and distinguishing between these on the basis of:

- ❖ appearance, i.e., homogeneity and heterogeneity
- ❖ behaviour towards a magnet
- ❖ behaviour towards carbon disulphide as a solvent
- ❖ effect of heat

4. Perform the following reactions and classify them as physical or chemical changes:

- a. Iron with copper sulphate solution in water
- b. Burning of magnesium ribbon in air
- c. Zinc with dilute sulphuric acid
- d. Heating of copper sulphate crystals
- e. Sodium sulphate with barium chloride in the form of their solutions in water

Biology

1. Improvement in Food Resources

Plant and animal breeding and selection for quality improvement and management; Use of fertilizers and manures; Protection from pests and diseases; Organic farming.

Final Examination

Physics

1. Motion

2. Force and Laws of Motion

3. Gravitation, Floatation

4. Work and Energy

5. Sound: Nature of sound and its propagation in various media, speed of sound, range of hearing in humans;ultrasound; reflection of sound; echo.

Practical:

- 1) Verification of the Laws of reflection of sound.
- 2) Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring)

Chemistry

1. Atoms and Molecules (Particle nature and their basic units)

2. Is Matter around us pure? (Nature of matter)

3. Structure of the Atom

4. Matter in our Surrounding (Matter-Nature and Behaviour)

Biology

1. Tissues
2. Improvement in Food Resources
3. The fundamental unit of life.

ONLY FOR INTERNAL ASSESSMENT

[Note: Learners are assigned to read the below listed part of Unit IV. They can be encouraged to prepare abrief 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.]

Theme: Natural Resources: Balance in nature

Unit IV: Our Environment

Chapter -14 Natural Resources

Physical resources: Air, Water, Soil. Air for respiration, for combustion, for moderating temperatures; movements of air and its role in bringing rains across India. Air, water and soil pollution (brief introduction). Holes in ozone layer and the probable damages. Bio-geo chemical cycles in nature: Water, Oxygen, Carbon andNitrogen.

Activity: To prepare a portfolio on renewable natural resources found in any of the mountainous regions of India.

SUBJECT: SOCIAL SCIENCE
CLASS IX
SESSION: 2023-2024

1st PERIODIC ASSESSMENT

HISTORY

- Chapter 1-The French Revolution

CIVICS

- Chapter 1- What is democracy? Why democracy?

GEOGRAPHY

- Ch-2 Physical Features of India

ECONOMICS

- Ch-1 The story of village Palampur
 - o Organisation of Production
 - o Non-Farming Activities

- **Inter disciplinary Project: Stories of Forest and its movements.**

2nd PERIODIC ASSESSMENT

HISTORY

- Chapter 4-Forest Society and Colonialism (Sub-unit 1: Why Deforestation?)
- Chapter 5-Pastoralists in the Modern World (Sub-Unit 2: Colonial Rule & Pastoral Life)

CIVICS

- Chapter 4-Electoral politics

GEOGRAPHY

- Ch-3 Drainage

ECONOMICS

- Ch-2 People as a Resource

MID –TERM EXAMINATION

HISTORY

- Chapter 1-The French Revolution
- Chapter 2-Socialism in Europe and Russian revolution – Sub-units I & II
- Chapter 4-Forest Society and Colonialism (Sub-unit 1: Why Deforestation?)

Maps to be evaluated as per CBSE guidelines.

CIVICS

- Chapter 2- What is democracy? Why democracy?
- Chapter 4- Electoral politics
- Chapter 6- Democratic Rights

GEOGRAPHY

- Ch-1 India-Size and Location
- Ch-2 Physical Features of India
- Ch-3 Drainage
- Ch –5 Natural Vegetation and wildlife.

(only Map pointing to be evaluated)

ECONOMICS

- Ch-2 People as Resource
- Ch-3 Poverty as a Challenge

Subject Enrichment: Multi-Faceted Project on Disaster and its Management.

3rd PERIODIC ASSESSMENT

HISTORY

Chapter 2-Socialism in Europe and Russian revolution [Sub-units III, IV and V]

CIVICS

- Chapter 5-Working of institutions

HISTORY SUBJECT ENRICHMENT ACTIVITY: Script writing and Role Play on ANY ONE historical episode from the History Chapters (group activity)

GEOGRAPHY

- Ch-4 Climate

ECONOMICS

- Ch-3 Poverty as a Challenge

FINAL TERM

HISTORY

- Chapter 1-The French Revolution
- Chapter 2- Socialism in Europe and Russian revolution
- Chapter 3-Nazism and the rise of Hitler
- Chapter 4-Forest Society and Colonialism (Sub-unit 1: Why Deforestation?)

Maps to be evaluated as per CBSE guidelines.

CIVICS

- Chapter 6- Democratic rights
- Chapter 2- What is democracy? Why democracy?
- Chapter 3- Constitutional design
- Chapter 4-Electoral politics
- Chapter 5-Working of institutions

GEOGRAPHY

- Ch-1 India-Size and Location
- Ch-2 Physical Features of India
- Ch-3 Drainage
- Ch-4 Climate
- Ch-5 Natural vegetation and wildlife
(only Map Pointing to be evaluated)
- Ch-6: Population

Maps to be done as per CBSE guidelines

ECONOMICS

- Ch-2 People as Resource
- Ch-3 Poverty as a Challenge
- Ch-4: Food Security in India

SUBJECT: HINDI

CLASS – IX

SESSION: 2023-2024

PERIODIC ASSESSMENT – 1

स्पर्श- रैदास के पद, दुःख का अधिकार, तुम कब जाओगे अतिथि

संचयन- गिल्लू

व्याकरण- अर्थ के आधार पर वाक्य के भेद , अनुस्वार , अनुनासिक

लेखन - अनुच्छेद , अनौपचारिक पत्र

PERIODIC ASSESSMENT - 2

स्पर्श -, रहीम के पद, एवरेस्ट मेरी शिखर यात्रा, शुक्रतारे के समान

संचयन- स्मृति

व्याकरण- स्वर संधि , विराम चिह्न , उपसर्ग , प्रत्यय ।

संवाद लेखन , चित्र वर्णन ।

MID-TERM EXAMINATION

स्पर्श - गीत अगीत , रैदास के पद, दुःख का अधिकार, तुम कब जाओगे अतिथि, रहीम के पद, एवरेस्ट मेरी शिखर यात्रा , शुक्रतारे के समान

संचयन - गिल्लू , स्मृति

व्याकरण- उपसर्ग , प्रत्यय , स्वर संधि, विराम चिह्न, अर्थ के आधार पर वाक्य के भेद , अनुस्वार , अनुनासिक ।

संवाद लेखन , चित्र वर्णन , अनुच्छेद और पत्र लेखन ।

ACTIVITY- नाट्य रचानान्तरण, परियोजना कार्य, वाद-विवाद, श्रवण तथा वाचन

PERIODIC ASSESSMENT – 3

स्पर्श- अग्निपथ , वैज्ञानिक चेतना के संवाहक चंद्रशेखर वेंकटरामन

संचयन- कल्लू कुम्हार की उनाकोटी , मेरा निजी पुस्तकालय

व्याकरण- शब्द और पद , स्वर संधि , अर्थ के आधार पर वाक्य के भेद ।
अनुच्छेद , संवाद लेखन ।

ANNUAL EXAM

स्पर्श - नए इलाके में, खुशबू रचते हैं हाथ , गीत-अगीत , रैदास के पद, दुःख का अधिकार, तुम कब जाओगे
अतिथि, रहीम के पद, एवरेस्ट मेरी शिखर यात्रा , शुक्रतारे के समान अग्निपथ , वैज्ञानिक चेतना के संवाहक
चंद्रशेखर वेंकटरामन

संचयन- गिल्लू , स्मृति , कल्लू कुम्हार की उनाकोटी , मेरा निजी पुस्तकालय

व्याकरण - शब्द और पद , उपसर्ग , प्रत्यय , स्वर संधि , विराम चिह्न , अर्थ के आधार पर वाक्य के भेद ,
अनुस्वार , अनुनासिक ।

लेखन संवाद लेखन-, चित्र वर्णन , अनुच्छेद , पत्र लेखन ।

SUBJECT: BENGALI 2nd LANGUAGE)

CLASS-IX

SESSION: 2023-2024

Proposed Syllabus for First Round Weekly Test

সাহিত্য : ছুটি (রবীন্দ্রনাথ ঠাকুর)-গদ্য
খেয়া (রবীন্দ্রনাথ ঠাকুর)-পদ্য
সহায়ক পাঠ : আম আঁটির ভেঁপু (১-৫)
ব্যাকরণ : স্বরসন্ধি (যুক্ত ও বিযুক্ত)
নির্মিতি : বোধপরীক্ষণ , বিজ্ঞপ্তি (স্কুল সম্পর্কিত)

Proposed Syllabus for Second Round Weekly Test

সাহিত্য : চিঠি (স্বামী বিবেকানন্দ)-গদ্য ,
ব্যথার বাঁশি (জসীমুদ্দিন) - পদ্য
সহায়ক পাঠ : আম আঁটির ভেঁপু (৬-১০)
ব্যাকরণ : বাক্য পরিবর্তন (নির্দেশক, প্রশ্নসূচক, বিস্ময়বোধক, অনুজ্ঞাসূচক, প্রার্থনাসূচক)
নির্মিতি : বোধপরীক্ষণ , প্রতিবেদন

Proposed Syllabus for Mid Term Examination

সাহিত্য : ছুটি (রবীন্দ্রনাথ ঠাকুর)-গদ্য
চিঠি (স্বামী বিবেকানন্দ)-গদ্য
খেয়া (রবীন্দ্রনাথ ঠাকুর)-পদ্য
ব্যথার বাঁশি (জসীমুদ্দিন) - পদ্য
সহায়ক পাঠ : আম আঁটির ভেঁপু (১-১০)
ব্যাকরণ : স্বরসন্ধি (যুক্ত ও বিযুক্ত), বাক্য পরিবর্তন (নির্দেশক, প্রশ্নসূচক, বিস্ময়বোধক, অনুজ্ঞাসূচক, প্রার্থনাসূচক)
নির্মিতি : বোধপরীক্ষণ , বিজ্ঞপ্তি (স্কুল সম্পর্কিত), প্রতিবেদন

SUBJECT ENRICHMENT: শ্রবণ দর্শন ভিত্তিক দক্ষতা

Proposed Syllabus for Third Round Weekly Test

সাহিত্য : দাম (নারায়ণ গঙ্গোপাধ্যায়)-গদ্য
এই জীবন (সুনীল গঙ্গোপাধ্যায়)-পদ্য
সহায়ক পাঠ : আম আঁটির ভেঁপু (১১-১৫)
ব্যাকরণ : সমাস (দ্বিগু, তৎপুরুষ, বহুব্রীহি)
নির্মিতি : বোধপরীক্ষণ , বিজ্ঞপ্তি (স্কুল সম্পর্কিত)

Proposed Syllabus for Final Term Examination

সাহিত্য :খেয়া (রবীন্দ্রনাথ ঠাকুর)-পদ্য

এই জীবন (সুনীল গঙ্গোপাধ্যায়) -পদ্য

জন্মভূমি আজ (বীরেন্দ্র চট্টোপাধ্যায়) –পদ্য

ব্যথার বাঁশি (জসীমুদ্দিন) - পদ্য

ইলিয়াস (লিও তলস্তয়) - গদ্য

ছুটি (রবীন্দ্রনাথ ঠাকুর) -গদ্য

চিঠি (স্বামী বিবেকানন্দ) -গদ্য

দাম (নারায়ণ গঙ্গোপাধ্যায়) -গদ্য

সহায়ক পাঠ : আম আঁটির ভেঁপু (১৬-১৯) (সম্পূর্ণ ১-১৯)

ব্যাকরণ : শব্দ ও বাক্য সংশোধন, স্বরসন্ধি (যুক্ত ও বিযুক্ত) , বাক্যপরিবর্তন
(নির্দেশক, প্রশ্নসূচক, বিস্ময়বোধক, অনুজ্ঞাসূচক, প্রার্থনাসূচক)

, সমাস (দ্বিগু, তৎপুরুষ, বহুব্রীহি)

নির্মিতি:বোধপরীক্ষণ , বিজ্ঞপ্তি, প্রতিবেদন

SUBJECT ENRICHMENT: কথোপকথন, শ্রবণ দর্শন ভিত্তিক দক্ষতা

SUBJECT: INFORMATION TECHNOLOGY

SESSION: 2023-2024

CLASS – IX

PERIODIC TEST – I	Unit 3 : ICT Skills-I Unit 9 : Electronic Spreadsheet
PERIODIC TEST - II	Unit 2 : Self-Management Skills-I Unit 10 : Digital Presentation
MID TERM EXAMINATION	Unit 1 : Communication Skills-I Unit 3 : ICT Skills-I Unit 9 : Electronic Spreadsheet Unit 2 : Self-Management Skills-I Unit 10 : Digital Presentation
PERIODIC TEST - III	Unit 6 : Introduction to IT- ITeS industry Unit 8 : Digital Documentation
ANNUAL EXAMINATION	Unit 4 : Entrepreneurial Skills-I Unit 5 : Green Skills-I Unit 7 : Data Entry & Keyboarding Skills Unit 6 : Introduction to IT- ITeS industry Unit 8 : Digital Documentation