

ORIENTAL PUBLIC SCHOOL

Syllabus Class: VIII (2024-25) **ENGLISH LANGUAGE AND LITERATURE**

PERIODIC ASSESSMENT- I

[TERM – I]

- LANGUAGE:**
1. Parts of Speech- Kinds, Identification, Application, Same word used as Different Parts of Speech
 2. Clause- Principal, Subordinate (Noun, Adjective, Adverb)
 3. Tense- All Forms
 4. Subject-verb Agreement- Rules & Application
 5. Reported Speech- All forms of Tense & All Kind of Sentences
 6. Word vocabulary- 4 forms of Verb
 7. Diary Entry, Editorial Letter

LITERATURE: HONEYDEW

1. The Best Christmas Present in the World (prose)
2. The Ant and The Cricket (poem)
3. The Tsunami (prose)

IT SO HAPPENED

1. How the Camel got his hump
2. Children at Work

HALF-YEARLY EXAMINATION

- LANGUAGE:**
1. Auxiliary Verbs (BE, DO, HAVE), Modals (All) as used in Affirmative, Negative, Interrogative Sentences.
 2. Determiners
 3. Sentence Linkers- List & Use
 4. Reported Speech
 5. Word Vocabulary- Synonyms, Antonyms, Idioms
 6. Bio-sketch, Notice-writing, Article-writing + Topics of PA-I

LITERATURE: HONEYDEW

1. Glimpses of the Past (prose)
2. Geography Lesson (poem)
3. Bepin Choudhury's Lapse of Memory (prose)
4. The Last Bargain (poem)

IT SO HAPPENED

1. The Selfish Giant
2. The Treasure Within

PERIODIC ASSESSMENT- II

[TERM – II]

- LANGUAGE:**
1. Transformation of Sentences- Degree, Exclamatory, Infinitive, As soon as, No sooner than, So that, Voice change, Reported Speech
 2. Appropriate use of Preposition, Words followed by Preposition
 3. Phrasal verbs- List and usage
 4. Word vocabulary- Prefix, Suffix, One word Substitution
 5. Story-writing, E-mail composition

LITERATURE: HONEYDEW

1. The Summit Within (prose)
2. The School Boy (poem)
3. This is Jody's Fawn (prose)

IT SO HAPPENED

1. Princess September
2. The Fight

YEARLY EXAMINATION

- LANGUAGE:**
1. Re-ordering words/phrases to form Sentences
 2. Tense- All forms
 3. Linkers
 4. Non-finite verbs
 5. Transformation of Sentences
 6. Verbs- Non-finite, Auxiliary, Modals
 7. Subject-verb Agreement
 8. Word vocabulary- Prefix, Suffix, Idioms, Phrasal verbs
 9. Writing skill Revision- Notice, Editorial Letter, Story, Article, E-mail, Diary Entry
- Topics of PA-I + Half-yearly + PA-II included in Yearly Exam

LITERATURE: HONEYDEW

1. A visit to Cambridge (prose)
2. A short Monsoon Diary (prose)
3. On the Grasshopper and cricket (poem)
4. The Best Christmas Present in the World (prose)
5. Bepin Choudhury's Lapse of Memory (prose)
6. The Last Bargain (poem)
7. The School Boy (poem)

IT SO HAPPENED

1. Jalebis
2. Ancient Education System of India
3. Children at Work
4. The Selfish Giant

SUBJECT: HINDI [2ND LANGUAGE]

TERM I

Periodic Assessment – I

बसंत – ध्वनि, बस की यात्रा, चिट्ठियों की अनूठी दुनिया

व्याकरण – शब्द विचार, संज्ञा, सर्वनाम, विशेषण, शब्द भंडार (तत्सम -तद्भव) मुहावरे, संदेश लेखन, अपठित/पठित (गद्यांश - पद्यांश)

भारत की खोज- अहमदनगर का किला

Half Yearly Examination

बसंत – दीवानों की हस्ती, भगवान के डाकिए, क्या निराश हुआ जाए, सबसे कठिन समय, कामचोर

व्याकरण- कारक, क्रिया, प्रत्यय, उपसर्ग, समास, शब्द भंडार (विलोम /पर्यायवाची) मुहावरे और लोकोक्तियां अनुच्छेद लेखन, निबंध लेखन, पत्र, अपठित/ पठित (गद्यांश/ पद्यांश)

भारत की खोज -अंतिम दौर एक और दो

TERM II

PERIODIC ASSESSMENT II

बसंत - कबीर की सखियां, जब सिनेमा ने बोलना सीखा, सुदामा चरित, जहां पहिया है

व्याकरण -वचन, वाच्य, वाक्य विचार, शब्द भंडार (अनेकार्थी शब्द/ वाक्यांशों के लिए एक शब्द) विज्ञापन लेखन, पत्र लेखन, अपठित/ पठित (गद्यांश- पद्यांश)

भारत की खोज -तनाव

YEARLY EXAMINATION

बसंत – अकबरी लोटा, सूरदास के पद, पानी की कहानी, बाज और सांप, टोपी

व्याकरण – अलंकार, पद परिचय, शब्द भंडार (पर्यायवाची /विलोम) संवाद लेखन, पत्र लेखन, निबंध लेखन, अपठित/ पठित (गद्यांश/ पद्यांश)

भारत की खोज -दो पृष्ठभूमियाँ, भारतीय और अंग्रेजी

Note -पूरे साल के व्याकरण से प्रश्न पूछे जाएंगे

SUBJECT: BENGALI [2nd Language]

TERM I

Periodic Assessment- I

গদ্য: খোকাবাবুর প্রত্যাবর্তন, ইস্পাতের মেয়ে।

পদ্য:সীতার বিবাহ, মাধো।

ব্যাকরণ: বিসর্গ সন্ধি, লিঙ্গ, বচন ও পুরুষ, বোধপরীক্ষন।

বিন্দুর ছেলে:অধ্যায় 1

Half Yearly Exam:

গদ্য: মেজদিদি, বাল্যস্মৃতি, এলাহি ভরসা।

পদ্য: কাণ্ডারি হুঁশিয়ার, বাংলার মুখ, রানার।

ব্যাकरण: বিশেষ্য, বিশেষণ ও সর্বনামের শ্রেণীবিভাগ, ধাতু/ ক্রিয়াপদ, ক্রিয়ারকাল ও ভাব, অনুচ্ছেদ, পত্ররচনা, বোধপরীক্ষণ।

বিন্দুর ছেলে: অধ্যায় 2,3,4

TERM II

Periodic Assessment- II

গদ্য: গোলকিপার, চন্দ্রগুপ্ত ও সেলুকাস।

পদ্য: কেন এলো না, নববর্ষ।

ব্যাकरण: সমাস, এককথায় প্রকাশ, একই শব্দের বিভিন্ন অর্থে প্রয়োগ, বোধপরীক্ষণ।

বিন্দুর ছেলে: 5, 6

Yearly Exam:

গদ্য: আর্কিমিডিসের আবিষ্কার, বুড়িবালামের তীরে, রবীন মাঝির নৌকা এবং আমরা।

পদ্য: একদিন কেউ এসে বলবে, জীবন শিক্ষা।

ব্যাकरण: উপসর্গ ও অনুসর্গ, সাধু ভাষা ও চলিত ভাষা, বাগধারা, অনুচ্ছেদ, বোধ পরীক্ষণ ও পত্ররচনা।

বিন্দুর ছেলে: 7,8, 9

SUBJECT: HINDI [3rd Language]

TERM I

Half yearly Examination

रिमझिम — कक्कू , शेखीबाज मक्खी , मन करता है, बहादुर बित्तो ,हमसे सब कहते है,टिपटिपवा ,बन्दर बाँट

व्याकरण — संज्ञा, सर्वनाम, विशेषण ,क्रिया, लिंग विलोम शब्द, पर्यायवाची शब्द ,अनेक शब्दों के लिए एक शब्द , 1 से लेकर 50 तक गिनती अक्षरों में अनुच्छेद लेखन ,पत्र लेखन ,पठित और अपठित (गद्यांश और पद्यांश)

TERM II

(Yearly Examination)

रिमझिम— क्योंजीमल और कैसे कैसलिया, सर्दी आई , मीरा बहन और बाघ , जब मुझे साँप ने काटा , बच्चों के पत्र , मिर्च का मजा ,सबसे अच्छा पेड़ ।

व्याकरण — शब्द भंडार(तत्सम, तद्भव) संज्ञा ,सर्वनाम, लिंग, वचन ,पर्यायवाची शब्द ,मुहावरे 50 से लेकर 100 तक गिनती अक्षरों में,दिनों और महीनों के नाम , अनुच्छेद लेखन , कहानी लेखन,पत्र लेखन, अपठित और पठित (गद्यांश और पद्यांश) ।

नोट — पूरे साल का व्याकरण

SUBJECT: BENGALI [3rd Language]

TERM I

Half -Yearly Examination -

গদ্য :-রাখাল রাজা, খোদা মেহেরবান, রামের পোষা মাছ,

দুষ্টু বিলে, লোভের পরিণাম ।

পদ্য :- আমি ভয় করব না ,প্রার্থনা, অভিমান, খোকার রাজ্য,

হিন্দু -মুসলমান ।

ব্যাকরণ :- বিপরীত শব্দ, লিঙ্গ,বচন,পুরুষ, পদ- প্রকরণ (বিশেষ্য বিশেষণ ও সর্বনাম), বোধ পরীক্ষণ, অনুচ্ছেদ, হাতের লেখা ,সংখ্যায় ও কথায় লেখা (১ থেকে ৫০) ।

Yearly -Examination :-

TERM II

গদ্য :- যৌতুক, আজব সাজা, বুনো হাঁস, পান্তা বুড়ি, তিন সত্যি ।

পদ্য :-শিশুর সংকল্প, ফুটফুটে জোছনায়, বারোমেসে, বুলবুলি পাখি,

ছাগলের কান্দ ।

ব্যাকরণ:- পদ প্রকরণ (অব্যয় ও ক্রিয়া), বিপরীত শব্দ, সমোচ্চারিত শব্দ, পদান্তর, বোধ পরীক্ষণ, অনুচ্ছেদ, হাতের লেখা, সংখ্যায় ও কথায় লেখা (৫১ থেকে ১০০) ।

SUBJECT: MATHEMATICS

★ TERM - I

PERIODIC ASSESSMENT – I

1. RATIONAL NUMBERS
2. EXPONENTS
3. SQUARE AND SQUARE ROOTS
4. CUBE AND CUBE ROOTS

HALF YEARLY

1. ALGEBRAIC EXPRESSIONS
2. LINEAR EQUATIONS
3. FACTORISATION
4. POLYGONS
5. PARALLELOGRAMS

[PA-I CHAPTERS ARE INCLUDED IN HALF YEARLY]

★ **TERM - II**

PERIODIC ASSESSMENT - II

1. PERCENTAGE
2. PROFIT AND LOSS [ONLY EX - 10 A]
3. COMPOUND INTEREST (BASIC CONCEPTS) [ONLY EX- 11 (A) BY USING C. I FORMULA]
4. DATA HANDLING [ONLY EX – 21 (A&B)]
5. INTRODUCTION TO COORDINATE GEOMETRY

YEARLY

1. VOLUME & SURFACE AREA
2. PROBABILITY
3. CONSTRUCTION OF QUADRILATERALS [ONLY EX-17B]

[PA-I , HALF YEARLY & PA-II CHAPTERS ARE INCLUDED IN YEARLY]

SUBJECT: SCIENCE

PHYSICS SYLLABUS[TERM I]

PERIODIC ASSESSMENT – 1(PA1)

Force and Pressure

- a) Motion
- b) Distance travelled and displacement
- c) Uniform and Non uniform Motion (along with graph)
- d) Speed and velocity
- e) Acceleration
- f) Uniform and Non-uniform acceleration,
- g) Balanced and Unbalanced force,
- h) Numericals on $F=ma$,
- i) Contact and Non-contact forces and types of force and its effects
- j) Pressure
- k) Pressure exerted by liquid and gasses,
- l) Atmospheric pressure,
- m) Numericals and its application.

HALF-YEARLY EXAMINATION

Friction

- a) Factors affecting Friction
- b) Friction a necessary evil
- c) Increasing and reducing Friction
- d) Wheels reduce Friction
- e) Fluid Friction.

Force and pressure included:PA1 Included

PERIODIC ASSESSMENT – 2(PA2)TERM II

Sound

- a) Definition of Sound
- b) Sound produced by a vibrating body
- c) Sound produced by Human
- d) Propagation of Sound
- e) Characteristics of Sound
- f) How do we hear sound

- g) Speed of Sound
- h) Reflection of Sound
- i) Types of sound
- j) Musical Instruments,
- k) Noise and Music,
- l) Noise pollution, Precaution and Prevention.

YEARLY EXAMINATION

Light

- a) Recapitulation of Light from Class VII,
- b) Reflection of Light, Regular Reflection, Diffuse Reflection,
- c) Refraction of light through Lens,
- d) Concave and Convex mirror: Nature, Position and size of image formed by concave and convex mirror, Sign convention
- e) Multiple Images,
- f) Dispersion of light
- g) Human eye
- h) Care for eye
- i) Eye defects
- j) Braille System

Force and Pressure [P.A 1], Sound [P.A 2] included

ACTIVITIES [PHYSICS] TO BE DONE DURING THIS ACADEMIC YEAR 2024-25:

PERIODIC ASSESSMENT I [TERM I]

- I] identifying action as push or pull
- II] application of force in an inclined plane
- III] studying the effect of force on objects
- IV] liquids exerts pressure on the walls of a container as well as at the same depth

HALF YEARLY EXAMINATION [TERM I]

- I] friction opposes relative motion
- II] types of shoes according to their uses
- III] action of lubricant
- IV] fluid friction depends upon the shape of the object.

PERIODIC ASSESSMENT II [TERM II]

- I] vibrating objects produce sound.
- II] sound needs a medium to travel
- III] human ear and its parts.
- IV] identify the source of noise pollution in your locality and make some posters or slogans on reducing noise pollution

YEARLY EXAMINATION [TERM II]

- I] showing by a diagram that incident ray and reflected ray are creating same angle.
- II] rays reflected from regular and irregular surface
- III] to show dispersion of light
- IV] rectilinear propagation of light.

CHEMISTRY

Periodic Assessment 1 (PA1): [TERM I]

1. Basic concepts of chemistry.

Concept of elements, compounds, and mixture, the origin of symbols of elements and their Latin names. Physical classification of matter. Atomic numbers of 1-20 elements, electron and proton number, valency. Electronic configuration of elements having atomic No. 1-20. Distribution of electrons in different orbits (Shells): Theory with diagram (Bohr's atomic structure). Concept of ions: cations and anions. Formula writing of simple compounds having monoatomic and polyatomic ions (By the crisscross method). **[Classwork copy to be followed]**.

Half Yearly Examination[TERM I]:

1. Basic concepts of chemistry: periodic classification with special emphasis on element and compound:

Chemical classification of matter. Physical and chemical properties and uses of elements, compounds and mixtures. **[Classwork copy to be followed]**.

2. Chapter 5: Coal and Petroleum.

Classification of natural resources. Fossil fuels. Types of coal (anthracite, bituminous, lignite and peat). Formation of coal. Destructive distillation of coal along with industrial processing of coal in detail.

3. Basic concepts of chemistry. From PA1 [Classwork copy to be followed].

Periodic Assessment 2 [TERM II]:

1. Chapter 5: Coal and Petroleum.

Classification of natural resources. Fossil fuels. Types of coal (anthracite, bituminous, lignite and peat). Formation of coal. Destructive distillation of coal along with industrial processing of coal in detail. Formation of petroleum and natural gas. Petrochemicals. Separation of various constituents of petroleum by refining and the uses of the constituents. Natural gas in detail. Limitation of fossil fuels. Conservation of fossil fuels.

2. Basic concepts of chemistry: [Classwork copy to be followed]

(a) Types of a few chemical reactions along with reactivity series. (combination, decomposition, single displacement and double displacement).

(b) Balancing of chemical equations.

(c) PA1 + Half Yearly examination.

Yearly Examination[TERM II]:

1. Chapter 6: Combustion and flame.

Combustion along with the reference of burning. History of matchstick. Types and conditions necessary for combustion. Different types of fire extinguishers. Flame and its structure. Fuel and its efficiency. Burning of fuels leads to harmful products.

2. Chapter 5: Coal and petroleum.

3. Basic concepts of chemistry: from PA1+ Half yearly + PA2. [Classwork copy to be followed]

NOTE: PROJECT WORK[CHEMISTRY] TO BE DONE IN THIS ACADEMIC SESSION.

BIOLOGY

Test	Chapters	Topics	Activity and Project
Periodic Assessment 1 TERM I	1. Crop Production and Management 2. Microorganisms : Friends and foe	Agricultural practices, basic practices of crop production, preparation of soil, agricultural implements, food from animals Microorganisms, habitat of microbes, usefulness and harmfulness of microbes, food preservation and nitrogen cycle	1. Activity – 1 2. Activity – 2 3. Activity – 3 4. Activity – 4 5. Activity – 5 6. Activity – 6
Half Yearly TERM I	3. Conservation of plants and animals 4. Reproduction in animals	Deforestation and its causes, conservation of wild life, biosphere reserves, wildlife sanctuaries, national park, red data book, migration, recycling of paper Modes of reproduction, sexual reproduction, male and female reproductive organs, fertilization and development of embryo, viviparous and oviparous animals, asexual reproduction	7. Activity – 7 8. Activity – 8
Periodic Assessment 2 TERM II	5. Reaching the age of adolescence	Adolescence and puberty, role of hormone, reproductive health, role of hormones in completing the life history of insects and frogs	9. Activity – 9 10. Activity – 10 11. Activity – 11 12. Activity – 12
Yearly TERM II	1. Crop production 2. Microorganisms: Friends and foe 4. Reproduction in animals 5. Reaching the age of Adolescence		

SUBJECT: SOCIAL SCIENCE

TERM I

PERIODIC ASSESSMENT 1-

HISTORY- CH 1- HOW, WHEN & WHERE

CH 2- FROM TRADE TO TERRITORY THE COMPANY ESTABLISHES

POWER

CIVICS- CH 1- THE INDIAN CONSTITUTION

CH 2- UNDERSTANDING SECULARISM

GEOGRAPHY- CH 1- RESOURCES

HALF YEARLY EXAMINATION

HISTORY-

CH 3- RULING THE COUNTRYSIDE

CH 4- TRIBALS, DIKUS & THE VISION OF A GOLDEN AGE

CIVICS-

CH 3- PARLIAMENT & THE MAKING OF

LAWS

CH 4- JUDICIARY

GEOGRAPHY-

CH 2- LAND, SOIL, WATER, NATURAL VEGETATION & WILDLIFE RESOURCES

CH 3- AGRICULTURE

MAP- History Chapter-3 and 4

Exercises from Mapbook

NOTE: HALF YEARLY EXAM INCLUDES P.A I SYLLABUS

TERM II

PERIODIC ASSESSMENT 2-

HISTORY-

CH 5- WHEN PEOPLE REBEL 1857 & AFTER

CH 6- CIVILISING THE NATIVE, EDUCATING THE NATION

CIVICS-

CH 5- UNDERSTANDING MARGINALISATION

GEOGRAPHY- CH 4- INDUSTRIES

YEARLY EXAMINATION-

HISTORY- CH 7- WOMEN, CASTE & REFORM

CH 8- THE MAKING OF THE NATIONAL MOVEMENT 1870s-1947

CIVICS- CH 6- CONFRONTING

MARGINALISATION

CH 7- PUBLIC FACILITIES

CH 8- LAW & SOCIAL JUSTICE

GEOGRAPHY-

CH 3- AGRICULTURE

CH 5- HUMAN RESOURCES

MAP- Geography Chapter- 3, 4 & 5, History ch 5.

Exercises from Mapbook

NOTE: YEARLY EXAM INCLUDES P.A II SYLLABUS.

COMPUTER (2024-25)

TERM I

Half yearly (Theory)

Chapter No.	Lesson Name
1	Networking Concepts
4	Dynamic Web Pages in HTML5
5	Latest IT Trends
6	Cloud Computing
7	Control Structures in Python

For Practical : HTML (Ch 4) and Python (Ch 7)

TERM II

Yearly (Theory)

Chapter No.	Lesson Name
8	Functions, String and List in Python
9	Artificial Intelligence and its Domains
10	Fields of Artificial Intelligence
11	Introduction to SDGs and Data Science

For Practical : Python (Ch 8)