

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

TERM 1

PERIODIC ASSESSMENT- I

- LANGUAGE:**
1. The Sentence- kind, conversion (Affirmative, Negative, Interrogative)
 2. Use of Do, Did, Does
 3. Phrase and Clause (Identification)
 4. Identification and Application of all Parts of Speech (All types & Kinds)
 5. Tense- All forms
 6. Subject- Verb Agreement
 7. Word Vocabulary- Comparison of Adjective, 4 forms of Verb
 8. Notice writing, Letter (Formal, Informal)

LITERATURE: HONEYCOMB

1. Three Questions(prose)
2. The Squirrel (poem)
3. A Gift of Chappals(prose)
4. The Rebel (poem)
5. Gopal and the Hilsa Fish(prose)

AN ALIEN HAND

1. The Tiny Teacher

HALF-YEARLY EXAMINATION

- LANGUAGE:**
1. Verbs- Main, Non-finite (Infinitive, Participle), Modals
 2. Tense- All forms
 3. Voice change-All forms of Tense (Simple & Continuous- Affirmative, Negative, and Interrogative)
 4. Reported Speech- Declarative, Imperative- All Forms of Tense
 5. Word vocabulary- Suffix, Prefix, One word substitution
 6. E-Mail writing, Bio-sketch + Topics of PA-I
 7. Reading & Listening Comprehension

LITERATURE: HONEYCOMB

1. The Shed (poem)
2. The Ashes that made the Trees Bloom (prose)
3. Chivy (poem)
4. Quality (prose)
5. Trees (poem)
6. Three Questions (prose)

AN ALIEN HAND

1. Bringing up Kari
2. Golu Grows a Nose

TERM--II

PERIODIC ASSESSMENT- II

- LANGUAGE:**
1. Conjunctions
 2. Words followed by Preposition
 3. Determiners
 4. Voice Change-All kinds in all forms of Tense
 5. Reported- All types in all forms of Tense
 6. Word vocabulary- Phrasal Verb, Antonym, Synonym
 7. Diary Entry, Article writing

LITERATURE: HONEYCOMB

1. Expert Detectives (prose)
2. Mystery of Talking Fan (poem)
3. The Invention of Vita-wonk (prose)
4. Dad and the Cat and the Tree (poem)

AN ALIEN HAND

1. The Bear Story
2. A Tiger in the House

YEARLY EXAMINATION

- LANGUAGE:**
1. Parts of Speech- kinds, Identification, Application
 2. Transformation of sentences- Degrees, Assertive, Negative, Interrogative, Exclamatory, Reported Speech, Voice change.
 3. Word vocabulary- Homophones
 4. Letter (Formal, informal)

5. Reading & Listening comprehension + Topics of PA-I + HY + PA-II

LITERATURE:	HONEYCOMB	AN ALIEN HAND
	1. Meadow Surprises (poem)	1. Chandni
	2. A Homage to Brave Soldiers (prose)	2. An Alien Hand
	3. Garden Snake (poem)	
	4. Expert Detective (prose)	
	5. The Invention of Vita-wonk (prose)	
	6. The Ashes that made the Trees Bloom (prose)	

Hindi (2 nd language)

TERM I

P.A 1

बसंत -हमपंछीउन्मुक्तगगनके ,हिमालयकीबेटियां , कठपुतली

महाभारत - महाभारतकथासेद्रोणाचार्यतक

व्याकरण -संज्ञा, सर्वनाम ,वचन, लिंग, शब्दभंडार (विलोम / पर्यायवाचीशब्द) अनुच्छेदलेखन ,अपठित /पठित (गद्यांश /पद्यांश)

Half yearly

बसंत - मिठाईवाला, पापाखोगए ,शामएककिसान ,रहीमकेदोहे

महाभारत -लाखकाघरसेभीमऔरहनुमानतक

व्याकरण -शब्दविचार, अव्यय, कारक ,समास(तत्पुरुषद्वंद्वऔरदिव्युसमास)शब्दभंडार (तत्सम /तद्भव) , स्वरसंधि, अनुच्छेदलेखन, निबंध, पत्रलेखन, विज्ञापनलेखनअपठित /पठित(गद्यांश /पद्यांश)

TERM ---II

P.A 2

बसंत - एकतिनका, अपूर्वअनुभव, खानपानकी

बदलतीतस्वीर

महाभारत -पांडवोंऔरकौरवोंकेसेनापतिसेबारहवांदिनतक

व्याकरण -उपसर्ग, प्रत्यय ,संधि (व्यंजन / विसर्गसंधि) समास (कर्मधारय/ बहुव्रीहि /अव्ययीभावसमास) पत्रलेखन, संवादलेखन ,अपठित /पठित (गद्यांश /पद्यांश)

Yearly Exam

बसंत - नीलकंठ, भोरऔरबरखा, वीरकुंवरसिंह ,संघर्षकेकारणमैतुनकमिजाज़होगया

महाभारत -अभिमन्युसेश्रीकृष्णऔरयुधिष्ठिरतक

व्याकरण - काल ,वाक्य, समास ,संधि, वाक्यविचारमुहावरेऔरलोकोक्तियां ,शब्दभंडार, पत्रलेखन ,निबंधलेखन, अपठित/ पठित (गद्यांश/ पद्यांश)

***नोटपूरेसालकेव्याकरणसेप्रश्नपूछेजाएंगे**

2nd LANGUAGE (BENGALI)

TERM--I

Periodic Assessment I

Godho: Sovvo o Asovvo, BaghrachrajoBrihollanguler Vason.

Poddo: Sukh, Shotru. Baykaron: Banjonsondhi, Uddesso o Bidheyo. Bodhporikkha.

Chelebela: Ch- 1 , 2, 3

Half Yearly Examination:

Godho: Valobasai Dharmo, Varatbarsho, Sri Ramkrishna o Naren.

Poddo: Banogamoner Prakkaaley,Matrivasa, Amar Desh.

Baykaron: Karok o Bibhokti ,Biseshoner Tarotammo, Padantor, Bodhporikkha, Patro, Anucched.

Chelebela: Ch-4, 5, 6

TERM ---II

Periodic Assessment II

Goddo: Mebarer Juddho, Nibeditar Smriti.

Poddo: Konnya Sarath, Karar oi Louhokapat.

Baykaron: Sonkha o Puronbachok Sabdo, Biporit o Samoccharito Vinnarthok Sabdo. Bodhporikkha .

Chelebela: Ch-7, 8,9

Yearly Examination :

Goddo: Edishoner Abiskar, Kalketu o Fullorar Upakhyan, Uttar Meru Ovijan.

Poddo: Fonta, Bosti, Gayani

Baykaron: Bisessyo Biseshon o sarbon aamer prokarved, SabdotoirirPrathomikkoushal, Bodhporikkha.

Padantor,

BakkyoSonkochan, Patro, Anucched.

Chelebela: Ch 10,11, 12.

Hindi (3rd Language)

TERM-I

Half-yearly

सारंगी :- पाठ – नीमा की दादी, घर, माला की चाँदी की पायल, माँ, तीन दोस्त, दुनिया रंग-बिरंगी, तालाब ।

व्याकरण :- संज्ञा , सर्वनाम ,विशेषण, वचन , लिंग ,पर्यायवाची शब्द , विलोम शब्द, वाक्य बनाओ, गिनती (१ से ५ तक) अंकों तथा अक्षरों में , अनुच्छेद लेखन , पठित-अपठित गद्यांश और पद्यांश ।

TERM-II

Yearly-Examination –

रिमझिम :- पाठ – किसान, शेर और चूहे की दोस्ती, आउट, हाथी साइकिल चला रहा था, चार दिशाएँ, सबसे बड़ा छाता, बादल ।

व्याकरण :- सप्ताह के दिनों के नाम , महीनों के नाम , अक्षरों तथा अंकों में गिनती (५० से १०० तक), तत्सम शब्द, तद्भव शब्द, वचन, लिंग, क्रिया, विशेषण, विलोम शब्द, पर्यायवाची शब्द, पत्र-लेखन, अनुच्छेद- लेखन, पठित-अपठित गद्यांश और पद्यांश ।

नोट :- पूरे साल का व्याकरण ।

3rd LANGUAGE (BENGALI)

TERM I

Half Yearly Examination:

Goddo: Ramayaner katha, Matri vakto Vidyasagar. Gach amader Bondhu, Chotoder Shantiniketan.

Poddo: Moder Pon, Sarath, Bir Paloyan, Vagolpurer Chagol.

Byakaron: Kathay Lekho (50-75), Lingo, Biporit sabdo, Bodhporikkha, Anucched

TERM II

Yearly Examination :

Goddo: Ekbaraparile, Benjamin Franklin erabiskar. Dulungnodir Tire,

Footballer Raja, MritunjoyeKhudiram.

Poddo: Provatbarnon, Prarthona. Projapoti, Bangladesh.

Byakaron: KathayLekho(75-100),Bachon,Bodhporikkha,

SamarthokSabdo, Anucched.

MATHEMATICS

Examination Name	Chapter Names
PeriodicAssessment1	1. Integers 2. Fractions 3. RationalNumbers 4. Exponents 5. Lines andangles
HalfYearlyExamination	1. Decimals 2. Algebraicexpressions 3. Linearequationsinonevariable 4. Ratioandproportions 5. Propertiesofparallellines NOTE: PA1 syllabus is also included.
PeriodicAssessment2	1. Percentage 2. Constructions 3. Collectionandorganizationofdata 4. Mensuration(Ex-20A,20B) 5. Unitarymethod(only Ex9Binversevariation)
YearlyExamination	1. Profit and loss 2. Propertiesoftriangles 3. Congruence 4. Simpleinterest 5. Mensuration (Ex-20C, 20E, 20F), (excluding 20D and from 20F Q13 toQ16) NOTE: PA1, HYand PA2syllabuses are also included.

Science:

PHYSICS:

TERM --1

PERIODIC ASSESSMENT 1(PA1)

Heat

Heat as a form of energy and it's unit, Hot and cold, Temperature and it's measurement , Difference between heat and Temperature scales and units of temperature, Conversion of units of temperature , Transfer of heat, Kind of cloths we wear in summer and winter, Thermoflask

HALF YEARLY EXAMINATION

Motion and time

Slow and fast motion , Motion (concept) , Distance and displacement Speed and velocity and their measurement, Acceleration, Uniform and non-uniform motion (graphical representation of both), Measurement of time and evolution of clock , Unit of time and speed

HEAT INCLUDED (PA1)

TERM --II

PERIODIC ASSESSMENT 2

Electric current and it's effect

Symbols of electric components ,Concept of electric current, Unit and its measuring instruments, Resistance and its unit ,Electric circuits ,Heating effects of electric current and its application ,Magnetic effects of electric currents ,Solenoid ,Electromagnet, Application of electromagnets and electric bell

YEARLY EXAMINATION

Light

Rectilinear propagation of light , Reflection of light ,Law of reflection of light, Image formation of plane mirror , Spherical mirrors and their uses , Real and virtual image ,Refraction of light ,Lens , Image formation by lenses and their uses , Dispersion of light ,. Newton's Disc

[*MOTION AND TIME, ELECTRIC CURRENT AND IT'S EFFECT INCLUDED*]

ACTIVITIES (PHYSICS) TO BE DONE DURING THE ACADEMIC YEAR

●as per CBSE guidelines activities to be followed in class

CHEMISTRY

TERM ---1

Periodic assessment (PA)- 1

1. The basic concept of chemistry: Element: definition with examples. Use of symbols as shorthand notations of writing names of elements. Origin of symbols of elements and their Latin names. Molecules of elements contain atoms of the same element (O_2 , N_2 , H_2). Compound: definition with examples and types of compound. Molecules of compounds contain atoms of different elements. (H_2O , CO_2 , NO_2 , CaO , $ZnCl_2$). **[Classwork copy to be followed]**

2. Acids, bases, and salts: Acids, Types of acids, Name of some organic acids and their sources, Properties of acids, Uses of acids, Bases, Types of bases, Properties of bases, Uses of bases, Neutral substances, Indicators: Natural indicators, synthetic indicators, pH scale, and universal indicators, Acid rain, Neutralization reactions, Some neutralization in everyday life, Types of salts and preparation properties and uses of salts.

Half-yearly

1. The basic concept of chemistry: compounds and mixture, Atomic numbers of 1-20 elements, electron and proton numbers, valence electrons, 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. **[Classwork copy to be followed]**

2. The basic concept of chemistry: as given in P.A 1 syllabus. **[Classwork copy to be followed]**

3. Physical and chemical changes: Physical changes and their properties, Chemical changes and their properties: Magnesium ribbon burning, Reaction between vinegar and baking soda, Reaction between copper sulfate solution and iron filings, Ozone acts as a natural shield, Rusting of iron, Galvanization, Differences between physical and chemical changes, Crystallization.

4. Acids bases and salts : (as given in PA -1 syllabus)

TERM---II

Periodic assessment (PA)- 2

1. The basic concept of chemistry: Differences between atoms and ions, monoatomic and polyatomic ions, Formula writing of simple compounds having monoatomic and polyatomic ions (By the crisscross method). Word equations from physical change and chemical change. **[Classwork copy to be followed]**

2. Wastewater story:

Water, our lifeline, Sources of wastewater, sewage, Water freshens up - an eventful journey (Disposal of wastewater)Treatment of polluted water, Wastewater treatment plant(treatment of sewage in cities and towns), Effects of improper sewage management, Methods of sludge management, Become an active citizen, Better

housekeeping practices(control of sewage at homes), Sanitation and disease (at public places), Alternate methods of wastewater management(septic tank, production of biogas from wastewater, chemical toilets, vermicomposting toilets)

Yearly examination

FULL SYLLABUS; [PA 1 + Half yearly +PA 2]

1. Acids, bases, and salts
 2. Physical and chemical changes
 3. Wastewater story
 4. The basic concept of chemistry: chemical equations and (PA1+Half yearly+ PA2) **[Classwork copy to be followed]**
- PROJECT WORK (CHEMISTRY) TO BE DONE DURING THE ACADEMIC YEAR:

- as per CBSE guidelines activities to be followed in class

BIOLOGY SYLLABUS

Test	Chapters	Topics	Lab Activity and project
Periodic Assessment 1	Nutrition in plants Nutrition in animals	Mode of nutrition, photosynthesis, cells, stomata, other modes of nutrition in plants, saprotroph, how nutrients are replenished in the soil Different ways of taking food, digestion in human. Teeth, digestion in grass eating animals, feeding and digestion in amoeba	1. Activity – 1 2. Activity – 2 3. Activity – 3 4. Activity – 4 5. Activity – 5 6. Activity – 6
Half Yearly	Weather, climate and adaptation of animals Respiration in organisms	Adaptation of different types of animals depend on weather and climate Respiration, breathing, how do we breathe, breathing in other animals, breathing underwater, do plants also respire	7. Activity – 7 8. Activity – 8
Periodic Assessment 2	Transportation in animals and plants	Circulatory system, excretion in animals, transport of substances in plants	9. Activity – 9 10. Activity – 10 11. Activity – 11 12. Activity – 12
Yearly	Reproduction in plants Forests , our lifeline 4. Respiration in organisms 5. Transportation in plants and animals	Mode of reproduction, sexual reproduction, fruits, and seed formation, seed dispersal Visit to a forest, habitat of different animals and plants , forest products, humus, decomposers, usefulness of the forests	

SUBJECT: - SOCIAL SCIENCE

TERM - I

Periodic Assessment I:-

Geography:- Ch-1. Environment, Ch-2. Inside Our Earth

Civics:- Ch-1. On Equality, Ch-2. Role of Government in Health

History:- Ch-1. Tracing Changes Through a Thousand Years, Ch-2. Kings & Kingdoms

Half Yearly Examination:-

Geography:- Ch-3. Our Changing Earth, Ch-5. Water

Civics:- Ch-3. How the State Government Works, Ch-4. Growing up as Boys & Girls, Ch-5. Women Change the World.

History:- Ch-3. The Delhi Empire: 12th to 15th Century, Ch-4. The Mughals (16th to 17th Century), Ch-5. Tribes, Nomads & Settled Communities,

Map Work:- World Map based on **ch-5 (Geography)**, India Map based on **ch-2, ch-3, ch-4 (History)**

Exercises from Map book

+ Entire Syllabus of P.A-I will be included.

TERM – II

Periodic Assessment II:-

Geography:- Ch-4. Air, **Civics:-** Ch-6. Understanding Media, **History:-** Ch-6. Devotional Paths to the Divine.

Yearly Examination:-

Geography:- Ch-5. Water, Ch-6. Human Environment Interactions The Tropical & Subtropical Regions, Ch-7. Life in the Deserts

Civics:- Ch-4. Growing up as Boys & Girls, Ch-5. Women Change the World, Ch-7. Markets Around Us

Ch-8. A Shirt in the Market,

History:-, Ch-4. The Mughal Empire (16th to 17th Century), Ch-5. Tribes, Nomads & Settled Communities, Ch-7. The Making of Regional Cultures, Ch-8. Eighteenth-Century Political Formations . **Map Work:-** World Map Based on

Ch-5, Ch-6 & Ch-7 (Geography), India Map from **History and Exercises from Map book .**

+ Entire PA-II Syllabus will be included.

COMPUTER

TERM---I

Half yearly (Theory)

Chapter No.	Lesson Name
1	Number System
2	Advanced Features of Excel
4	List and Tables in HTML5
5	Images, Links and Forms in HTML5
6	Introduction to Mobile Apps

For Practical : MS Excel (Ch 2) and HTML (Ch 4,5)

TERM --II

Yearly (Theory)

Chapter No.	Lesson Name
7	Developing Mobile Apps
8	Google Apps
9	Cyber Security
10	Tokens and Data Types in Python
11	Future of Artificial Intelligence

For Practical : Python (Ch 10) + Python Selection Statements