Usha Martin School, Malda
Session:-2024-25
Class:- XI (A) (GATI)

Subject	Periodic Test-I	Half Yearly Examination	Periodic Test-II	Annual Examination
English	**_HORNBILL_** Prose 1. The Portrait of a Lady 2. We're Not Afraid to Die if We Can All Be Together Poem 1. A Photograph 2. The Laburnum Top **_SNAPSHOTS_** Prose 1. The Summer of the Beautiful White Horse 2. The Address **_GRAMMAR_** 1. Tenses **_WRITING SKILL_** 1. Note making	**_HORNBILL_** Prose 1. Discovering Tut: the Saga Continues 2. The Portrait of a Lady 3. We're Not Afraid to Die if We Can All Be Together Poem 1. A Photograph 2. The Laburnum Top 3. The Voice of the Rain 4. Childhood **_SNAPSHOTS_** Prose 1. The Summer of the Beautiful White Horse 2. The Address 3. Birth **_GRAMMAR_** 1. Clauses **_WRITING SKILL_** 1. Poster Making 2. Debate 3. Speech	**_HORNBILL_** Prose 1. The Adventure 2. Discovering Tut: the Saga Continues 3. The Portrait of a Lady Poem 1. Father to Son 2. The Voice of the Rain 3. Childhood **_SNAPSHOTS_** Prose 1. Mother's Day **_GRAMMAR_** 1. Tenses 2. Clauses **_WRITING SKILL_** 1. Classified Advertisement 1. Poster making	**_HORNBILL_** Prose 1. Silk Road 2. Discovering Tut: the Saga Continues 3. The Portrait of a Lady 4. We're Not Afraid to Die if We Can All Be Together 5. The Adventure Poem 1. A Photograph 2. The Laburnum Top 3. The Voice of the Rain 4. Childhood 5. Father to son **_SNAPSHOTS_** Prose 1. The Tale of Melon City 2. The Summer of the Beautiful White Horse 3. The Address 4. Birth 5. Mother's Day **_GRAMMAR_**

			1. Transformation of Sentences
			2. Clauses
			
			WRITING SKILL
			    1. Poster Making
			    2. Debate
			    3. Classified Advertisement
			
			4. Speech

History	Chapter1 – Writing and City Life (including map work) Chapter 2 – An Empire Across three continents (including map work)	Chapter1 – Writing and City Life (including map work) Chapter 2 – An Empire Across three continents (including map work) Chapter 3 – Nomadic Empires (including map work) Chapter 4 – The Three Orders (including map work) Chapter 5 – Changing Cultural Traditions (including map work)	Chapter 6 – Displacing Indigenous People (including map work) Chapter 7 – Paths to Modernization – till CHINA (including map work)	Chapter1 – Writing and City Life Chapter 2 – An Empire Across three continents Chapter 3 – Nomadic Empires Chapter 4 – The Three Orders Chapter 5 – Changing Cultural Traditions Chapter 6 – Displacing Indigenous People Chapter 7 – Paths to Modernization – CHINA, JAPAN and KOREA (Map work from each of the above mentioned chapters are there)
Geography	***INDIA PHYSICAL ENVIRONMENT***	***INDIA PHYSICAL ENVIRONMENT***	***INDIA PHYSICAL ENVIRONMENT***	***INDIA PHYSICAL ENVIRONMENT***

	Ch 1: India – Location Ch 2: Structure and Physiography ***FUNDAMENTALS OF PHYSICAL GEOGRAPHY*** Ch 1: Geography as a Discipline Ch 2: The Origin and Evolution of the Earth Ch 3: Interior of the ***EARTH PRACTICAL WORK IN GEOGRAPHY*** Ch 1: Introduction to Maps Ch 2: Map Scale Ch 3: Latitude, Longitude ad time	Ch 1: India – Location Ch 2: Structure and Physiography Ch 3: Drainage Ch 5: Natural Vegetation ***FUNDAMENTALS OF PHYSICAL*** Geography Ch 1: Geography as a Discipline Ch 2: The Origin and Evolution of the Earth Ch 3: Interior of the Earth Ch 4: Distribution of Oceans and Continents Ch 6: Geomorphic Processes Ch 7: Landforms and Evolution Ch 13: Water (Ocean) Ch 14: Movements of Ocean ***WATER PRACTICAL WORK IN GEOGRAPHY*** Ch 1: Introduction to Maps Ch 2: Map Scale Ch 3: Latitude, Longitude ad time Ch 4: Map projections	Ch 4: Climate ***FUNDAMENTALS OF PHYSICAL GEOGRAPHY*** Ch 8: Composition and Structure of Atmosphere Ch 9: Solar Radiation, Heat Balance and Temperature Ch 10: Atmospheric circulation and weather system ***PRACTICAL WORK IN GEOGRAPHY*** Ch 5: Topographical Maps	Ch 7: Natural Hazards and Disasters ***FUNDAMENTALS OF PHYSICAL GEOGRAPHY*** Ch 10: Atmospheric circulation and weather system Ch 11: Water in the Atmosphere Ch 12: World Climate and Climate Change Ch 15: Life on the Earth Ch 16: Biosphere And Diversity ***PRACTICAL WORK IN GEOGRAPHY*** Ch 5: Topographical Maps Ch 7: Introduction to Remote Sensing
Political Science	***BOOK – INDIAN CONSTITUTION AT WORK*** Ch 1 – Constitution Ch- 2 Rights in the Indian Constitution ***BOOK – POLITICAL THEORY*** Ch 1 – Political Theory: An Introduction Ch-2 Freedom	***BOOK – INDIAN CONSTITUTION AT WORK*** Ch 1 – Constitution Ch- 2 Rights in the Indian Constitution Ch 3 – Election and Representation Ch 4 – The Executive Ch 5 – The Legislature ***BOOK – POLITICAL THEORY*** Ch 1 – Political Theory: An Introduction Ch-2 Freedom Ch 3– Equality	***BOOK – INDIAN CONSTITUTION AT WORK*** Ch 6 – The Judiciary Ch7 – Federalism ***BOOK – POLITICAL THEORY*** Ch 6- Citizenship Ch 7 – Nationalism	***BOOK – INDIAN CONSTITUTION AT WORK*** Ch 1 – Constitution Ch- 2 Rights in the Indian Constitution Ch 3 – Election and Representation Ch 4 – The Executive Ch 5 – The Legislature Ch 6 – The Judiciary Ch 7 – Federalism Ch 8 – Local Governments Ch 9 Constitution as a living document

		Ch 4 –Social Justice Ch 5 - Rights		Ch- 10 The Philosophy of the Constiution ***BOOK – POLITICAL THEORY*** Ch 1 – Political Theory: An Introduction Ch-2 Freedom Ch 3– Equality Ch 4 –Social Justice Ch 5 – Rights Ch 6– Citizenship Ch 7 – Nationalism Ch 8 - Secularism
Mathematics (Regular Mathematics)	*MATHEMATICS (NCERT BOOK AND EXEMPLAR)* 1. Sets 2. Relations and Functions 3. Trigonometric functions 4. Sequence and Series 5. Permutations and Combinations	*MATHEMATICS (NCERT BOOK AND EXEMPLAR)* 1.Trigonometry Function 2.Complex number and Quadratic Equation 3.Sequence and Series 4. Permutations and Combinations 5. Sets 6. Relations and Functions 7. Limits 8. Straight line 9. Trigonometry Function	*MATHEMATICS (NCERT BOOK AND EXEMPLAR)* 1. Conic Sections 2. Derivatives 3. statistics	*MATHEMATICS (NCERT BOOK AND EXEMPLAR)* 1.Trigonometry Function 2.Complex number and Quadratic Equation 3.Sequence and Series 4. Permutations and Combinations 6. Sets 7. Relations and Functions 8. Limits 9. Straight line 10. Conic Sections 11. Derivatives 12. Statistics 13. Binomial Theorem 14. 13. Probabilities
Mathematics (Applied Mathematics)	*MATHEMATICS (NCERT BOOK AND EXEMPLAR)* 1. Sets 2. Relations and Functions	*MATHEMATICS (NCERT BOOK AND EXEMPLAR)* 1. Sets 2. Relations and Functions 3. Number , Quantification and numerical Applications	*MATHEMATICS (NCERT BOOK AND EXEMPLAR)* 1. Descriptive mathematics 2. Basic of financial Mathematics	*MATHEMATICS (NCERT BOOK AND EXEMPLAR)* 1. Sets 2. Relations and Functions

	3. Number , Quantification and numerical Applications 4. Sequence and Series 5. Permutations and Combinations	4. Sequence and Series 5. Permutations and Combinations 6. Limits and derivatives and functions 7. Probability 8. Coordinate geometry (straight line , circle and parabola)		3. Number , Quantification and numerical Applications 4. Sequence and Series 5. Permutations and Combinations 6. Limits and derivatives and functions 7. Probability 8. Coordinate geometry (straight line , circle and parabola) 9. Descriptive mathematics 10. Basic of financial Mathematics 11. Mathematical Reasoning

| Physical Education | CH: 1.Changing Trends and Career in Physical Education.
CH: 2. Olympism
CH: 3. Yoga. | CH: 1.Changing Trends and Career in Physical Education.
CH: 2. Olympism
CH: 3. Yoga.
CH: 4. Physical Education & Sports for CWSN (Children with special needs – DIVYANG)
CH: 5. Physical Fitness, Health and Wellness.
CH: 6. Test, Measurement & Evaluation.

PRACTICAL-1: Fitness test Administration. (SAI Khelo India Test)
PRACTICAL-2: Procedure for Asana, benefits & Contraindication for any two Asana for each Lifestyle disease. | CH: 7. Fundamentals of Anatomy, Physiology in sports.
CH: 8. Fundamentals of Kinesiology and Biomechanics in sports.
CH: 9. Psychology &Sports. | CH: 1.Changing Trends and Career in Physical Education.
CH: 2. Olympism
CH: 3. Yoga.
CH: 4. Physical Education & Sports for CWSN (Children with special needs – DIVYANG)
CH: 5. Physical Fitness, Health and Wellness.
CH: 6. Test, Measurement & Evaluation.
CH: 7. Fundamentals of Anatomy, Physiology in sports.
CH: 8. Fundamentals of Kinesiology and Biomechanics in sports.
CH: 9. Psychology &Sports.
CH: 10. Training and Doping in Sports.

PRACTICAL-1: Fitness test Administration. (SAI Khelo India Test)
PRACTICAL-2: Procedure for Asana, benefits & Contraindication for any two Asana for each Lifestyle disease.
PRACTICAL-3: Any One IOA recognized Sports/ Game Of choice. Labelled Diagram of Field & Equipment. Also mention its Rules, Terminologies & Skills. |

Painting	Pre-historic Rock Paintings and Art of Indus Valley	Buddhist, Jain and Hindu Art	Temple Sculptures, Bronzes and Artistic Aspects of Indo-Islamic Architecture	Pre-historic Rock Paintings and Art of Indus Valley Buddhist, Jain and Hindu Art Temple Sculptures, Bronzes and Artistic Aspects of Indo-Islamic Architecture
Economics	***STATISTICS FOR ECONOMICS:*** 1. Introduction ***INTRODUCTORY MICROECONIMICS:*** 1. Introduction 2. Consumer's Equilibrium and Demand	***STATISTICS FOR ECONOMICS:*** 1. Introduction 2. Collection, Organisation and Presentation of data 3. Statistical Tools and Interpretation 4. Measures of Central Tendency. ***INTRODUCTORY MICROECONIMICS:*** 1. Introduction 2. Consumer's Equilibrium and Demand.	***STATISTICS FOR ECONOMICS:*** 1. Measures of Central Tendency. ***INTRODUCTORY MICROECONIMICS:*** 1. Producer Behaviour and Supply	***STATISTICS FOR ECONOMICS:*** 1. Introduction 2. Collection, Organisation and Presentation of data 3. Statistical Tools and Interpretation 4. Measures of Central Tendency. 5. Correlation 6. Introduction to Index Numbers. ***INTRODUCTORY MICROECONIMICS:*** 1. Introduction 2. Consumer's Equilibrium and Demand 3. Producer Behaviour and Supply 4. Perfect Competition.
Informatics Practices	1. Computer System 2. Emerging Trend 3. Brief overview of Python	1. Computer System 2. Emerging Trend 3. Brief overview of Python 4. Working with List and Dictionaries 5. Understanding Data	6. Introduction to NumPy 7. Database Concepts 8. Introduction to Structured Query Language	1. Computer System 2. Emerging Trend 3. Brief overview of Python 4. Working with List and Dictionaries 5. Understanding Data

| | | *Practical*
(Python)
1. To find average and grade for given marks.
2. To find sale price of an item with given cost and discount (%).
3. To calculate perimeter/circumference and area of shapes such as triangle, rectangle, square and circle.
4. To calculate Simple and Compound interest.
5. To calculate profit-loss for given Cost and Sell Price.
6. To calculate EMI for Amount, Period and Interest.
7. To calculate tax - GST / Income Tax. 8. To find the largest and smallest numbers in a list.
9. To find the third largest/smallest number in a list.
10. To find the sum of squares of the first 100 natural numbers. | | 6.Introduction to NumPy
7. Database Concepts
8. Introduction to Structured Query Language

Practical
(Python)
11. To print the first 'n' multiples of given number.
12.To count the number of vowels in user entered string. 13.To print the words starting with a alphabet in a user entered string.
14.To print number of occurrences of a given alphabet in each string.
15.Create a dictionary to store names of states and their capitals.
16.Create a dictionary of students to store names and marks obtained in 5 subjects. 17.To print the highest and lowest values in the dictionary.
(DBMS)
1. To create a database
2. To create student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key.
3. To insert the details of at least 10 students in the above table.
4. To display the entire content of table. |

				5. To display Rno, Name and Marks of those students who are scoring marks more than 50. 6. To display Rno, Name, DOB of those students who are born between '2005-01-01' and '2005-12-31'.
Bengali	**'সাহিত্যচর্চা'** গদ্য :- ১) তেলেনাপোতা আবিষ্কার ২)ডাকাতের মা পদ্য :- ১) দ্বীপান্তরের বন্দিনী **'উচ্চতর বাংলা ব্যাকরণ'** ব্যাকরণ :- ১)বাচ্য পরিবর্তন ২)বোধ পরীক্ষণ লেখনী:- ১)সংলাপ রচনা(কমপক্ষে ৫ জোড়া লাইন)	**'সাহিত্যচর্চা'** গদ্য :- ১) তেলেনাপোতা আবিষ্কার ২)ডাকাতের মা ৩)গ্যালিলিও পদ্য :- ১) দ্বীপান্তরের বন্দিনী ২)নুন সহায়ক গ্রন্থ :- ১) ' গুরু ' নাটক **'উচ্চতর বাংলা ব্যাকরণ'** ব্যাকরণ :- ১)বাচ্য পরিবর্তন ২)বোধ পরীক্ষণ ৩)উক্তি পরিবর্তন লেখনী:- ১)সংলাপ রচনা(কমপক্ষে ৫ জোড়া লাইন) ২) একটি গদ্যের অনুচ্ছেদ থেকে সারসংক্ষেপ লেখা(১০০-২০০শব্দের মধ্যে)	**'সাহিত্যচর্চা'** গদ্য :- ১)ডাকাতের মা ২)গ্যালিলিও ৩)কর্তার ভূত পদ্য :- ১)বাড়ির কাছে আরশি নগর। ২)শিক্ষার সার্কাস সহায়ক গ্রন্থ :- ১) ' গুরু ' নাটক **'উচ্চতর বাংলা ব্যাকরণ'** ব্যাকরণ :- ১)উক্তি পরিবর্তন ২)বাংলা শব্দভাণ্ডার (তৎসম , তদ্ভব, দেশি ও বিদেশি) ৩)বাচ্য পরিবর্তন লেখনী:- ১)সংলাপ রচনা(কমপক্ষে ৫ জোড়া লাইন) ২) একটি গদ্যের অনুচ্ছেদ থেকে সারসংক্ষেপ লেখা। (১০০-২০০শব্দের মধ্যে)	**'সাহিত্যচর্চা'** গদ্য :- ১)ডাকাতের মা ২)গ্যালিলিও ৩)কর্তার ভূত 4) তেলেনাপোতা আবিষ্কার পদ্য :- ১)বাড়ির কাছে আরশি নগর। ২)শিক্ষার সার্কাস ৩)দ্বীপান্তরের বন্দিনী ৪)নুন সহায়ক গ্রন্থ :- ১) ' গুরু ' নাটক **'উচ্চতর বাংলা ব্যাকরণ'** ব্যাকরণ :- ১)উক্তি পরিবর্তন ২)বাংলা শব্দভাণ্ডার (তৎসম , তদ্ভব , দেশি ও বিদেশি) ৩)বাচ্য পরিবর্তন ৪)বোধ পরীক্ষণ লেখনী:- ১)সংলাপ রচনা(কমপক্ষে ৫ জোড়া লাইন) ২) একটি গদ্যের অনুচ্ছেদ থেকে সারসংক্ষেপ লেখা। (১০০-২০০শব্দের মধ্যে)