Usha Martin School, Malda
Session:-2024-25
Class:- XI (C) (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 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
Accountancy	Ch:-1 Introduction to Accounting Ch:-2 Theory Base of Accounting Ch :-3 Recording of Transaction - 1	Ch:-1 Introduction to Accounting Ch:-2 Theory Base of Accounting Ch :-3 Recording of Transaction - 1 Ch:- 4 Recording of Transaction - 2 Ch:- 5 Bank Reconciliation Statement Ch: - 6 Trial Balance and Rectification of Errors Ch:-7 Depreciation and Provision and Reserves	Ch:- 9 Financial Statement-1 Ch:- 10 Financial Statement-2	Ch:-1 Introduction to Accounting Ch:-2 Theory Base of Accounting Ch :-3 Recording of Transaction - 1 Ch:- 4 Recording of Transaction - 2 Ch:- 5 Bank Reconciliation Statement Ch: - 6 Trial Balance and Rectification of Errors Ch:-7 Depreciation and Provision and Reserves Ch:- 9 Financial Statement-1 Ch:- 10 Financial Statement - 2 Ch:- 11 Incomplete record
Business Studies	Ch:-1 Nature and Purpose of Business Ch:-2 Forms of Business Organisation Ch:-3 Privet, Public and Global Enterprises Ch:-4 Business Service	Ch:-1 Nature and Purpose of Business Ch:-2 Forms of Business Organisation Ch:-3 Privet, Public and Global Enterprises Ch:-4 Business Service Ch:- 5 Emerging Modes of Business Ch:-6 Social Responsibilities of Business and Business Ethics	Ch:-7 Sources of Business Finance Ch:-8 Small Business Ch:-9 Internal Trade Ch:- 10 International Business	Ch:-1 Nature and Purpose of Business Ch:-2 Forms of Business Organisation Ch:-3 Privet, Public and Global Enterprises Ch:-4 Business Service Ch:- 5 Emerging Modes of Business Ch:-6 Social Responsibilities of Business and Business Ethics Ch:-7 Sources of Business

				Finance Ch:-8 Small Business Ch:-9 Internal Trade Ch:-10 International Business
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.
Mathematics (Regular Mathematics)	***MATHEMATICS (NCERT BOOK AND EXEMPLAR)*** 1. Sets 2. Relations and Functions 3. Trigonometric functions 4. Sequence and Series	***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	***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

	5. Permutations and Combinations	8. Straight line 9. Trigonometry Function		9. Straight line 10. Conic Sections 11. Derivatives 12. Statistics 13. Binomial Theorem 14. Probabilities
Mathematics (Applied 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	**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 6. Limits and derivatives and functions 7. Probability 8. Coordinate geometry (straight line , circle and parabola)	**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 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: 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,

		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.		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
Computer Science	***COMPUTER SCIENCE WITH PYTHON***	***COMPUTER SCIENCE WITH PYTHON (SUMITA ARORA)***	***COMPUTER SCIENCE WITH PYTHON***	***COMPUTER SCIENCE WITH PYTHON (SUMITA ARORA)***

	(SUMITA ARORA) Ch1:- Computer System Overview Ch2:- Data Representation CH3:- Boolean Logic	Ch 4:- Introduction to Problem Solving Ch 5:- Getting Started with Python Ch 6:- Python Fundamentals Ch 7:- Data Handling Ch 8:- Introduction to Python Module Ch9:- Flow of Control Ch10:-String Manipulation *PRACTICAL* ● Input a welcome message and display it. ● Input two numbers and display the larger / smaller number. ● Input three numbers and display the largest / smallest number. ● Determine whether a number is a perfect number, an Armstrong number or a palindrome. ● Input a number and check if the number is a prime or composite number. ● Display the terms of a Fibonacci series. ● Compute the greatest common divisor and least common multiple of two integers. ● Count and display the number of vowels, consonants, uppercase, lowercase characters in string. ● Input a string and determine whether it is a palindrome or not; convert the case of characters in a string	*(SUMITA ARORA)* Ch11:- List Manipulation CH12:- Tuples CH13::- Dictionaries	Ch1:- Computer System Overview Ch2:- Data Representation CH3:- Boolean Logic Ch5:- Introduction to Problem Solving Ch6:- Getting Started with Python Ch7:- Python Fundamentals Ch8:- Data Handling Ch9:- Flow of Control Ch10:-String Manipulation Ch11:- List Manipulation Ch 12:- Tuples CH13:- Dictionaries Ch 14:- Cyber Safety Ch 15:- Society, Law and Ethics *PRACTICAL* ● Find the largest/smallest number in a list/tuple ● Input a list of numbers and swap elements at the even location with the elements at the odd location. ● Input a list/tuple of elements, search for a given element in the list/tuple. ● Create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have marks above 75.
Informatics Practices	1. Computer System 2.Emerging Trend	1. Computer System 2.Emerging Trend	6.Introduction to NumPy 7. Database Concepts	1. Computer System 2.Emerging Trend

	3. Brief overview of Python	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.	8. Introduction to Structured Query Language	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 ***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'.