NOPANY HIGH

(I.C.S.E. & I.S.C Affiliated)
2-C, Nando Mullick Lane, Kolkata – 700006
Syllabus for Unit-II
Academic Session: (2025-2026)

Class: XI (SCI.)

SUBJECT : ENGLISH LANGUAGE			
Textbook Name : Total English			
Publisher : Morning Star			
MONTH	**TOPIC**	**NO. OF PERIODS**	**WORKSHEETS/ACTIVITY**
October 25	**1. Blog writing** **2. Phrasal verbs, Transformation of Sentences, Verbs/Tenses**	**3**	**Class Test**
November 25	**1. Newspaper Report revision** **2. Phrasal verbs, Transformation of Sentences, Verbs/Tenses** **3. Comprehension**	**7**	
December 25	**1. Statement of Purpose revision** **2. Phrasal verbs, Transformation of Sentences, Verbs/Tense** **3. Essay (Types)** **4. Article Writing**	**7**	**Class Test**
January 26	**1. Phrasal verbs, Transformation of Sentences, Verbs/Tense** **2. Book Review review**	**4**	
Project	**Aural and Oral**		**4th 5th 6th December 2025**

SUBJECT : MODERN ENGLISH

Textbook Name : Pygmalion , PERSPECTIVES and
Reflections Publisher   : Xavier Pinto and Almond Books

MONTH	TOPIC	NO. OF PERIOD S	WORKSHEETS/ACTIVITY
OCTOBER' 25	Pygmalion Act 2 , upto page 70	6 4	Worksheet will be provided
November	1. BORA RING 2. Most Beautiful 3. Pygmalion pages 70 to 86	4	
		5	
		3	Worksheet will be provided
December	1.A Prayer for my Daughter	6	
	2.Dream Children	4	Worksheet will be provided
January '26		5	
	1. Ratan Tata 2. Revision	4	Worksheet will be provided
		4	
		4	
		4	Worksheet will be provided
			Submission date: 2nd July 2024
Note: No of periods mentioned above may vary			

SUBJECT : Hindi 2nd language			
Textbook Name : 1. गद्य संकलन 2. काव्य मंजरी			
3. सारा आकाश (उपन्यास) 4. व्याकरण मंजूषा			
Author : ISC			
Publisher : evergreen publications 4. Inter university press			
MONTH	**TOPIC**	**NO. OF PERIODS**	**WORKSHEETS/ACTIVITY**
October 25	1. सती	5	LPQ will be Provided
	Class Test	1	
	4. मुहावरे	1	Worksheet will be provided
	Class Test	1	
November 25	आह धरती कितना देती है	5	Worksheet will be provided
	Class Test	1	
	सारा आकाश भाग 5 to 7	3	Worksheet will be provided
	Class Test	1	
	वाक्य शुद्धीकरण	1	Activity
	Class Test	1	
December 25	आउट साइडर	5	LPQ will be Provided
	Class Test	1	
	नदी के द्वीप	4	LPQ will be Provided
	Class Test	1	
	अपठित गद्यांश	1	Worksheet will be provided
	Class Test	1	
	Project (परियोजना कार्य)	1	
January 26	दासी	5	LPQ will be Provided
	Class Test	1	
	तुलसीदास के पद	5	LPQ will be Provided
	Class Test	1	
	निबंध	2	Worksheet will be provided
	Class Test	1	
	अपठित गद्यांश	1	Worksheet will be provided
	Revision work		
February 26	कविता और कहानी की पुनरावृति		
	व्याकरण अभ्यास कार्य		

SUBJECT : BENGALI

Textbook Name : i) I.S.C প্রবন্ধ ও গদ্য সংকলন, ii) I.S.C কবিতা সংকলন iii) কোনি
Author : ———
Publisher : i) Power Publishers i) Cambridge India

MONTH	TOPIC	NO. OF PERIODS	WORKSHEETS/ACTIVITY
Oct'25	1. বাবরের প্রার্থনা	4	Book, copy
	2. কোনি	2	Book,copy
	3. বাচ্য পরিবর্তন	1	Worksheet
Nov'25	1. রেকর্ড	5	LPQ
	2. বাগধারা	1	Worksheet
	3. সালেমানের মা	4	Book,Worksheet
	4. কোনি	2	Book,copy
	5. প্রবন্ধ রচনা	1	Group discussion,copy
Dec'25	1. অনাচার	5	LPQ
	2. Class test	1	Worksheet
	3. শুদ্ধ বানান	1	Copy
	4. বর্ণপরিচয়	3	Copy
Jan'26	1. বীর্যশুল্কা	5	LPQ
	2. উক্তি পরিবর্তন	2	Worksheet
	3. Class Test	1	Copy
	4. বোধ পরীক্ষণ	1	Worksheet
	5. কোনি	2	Book,copy
	6. প্রবন্ধ রচনা	1	Group discussion,copy
Feb,26	1. শুদ্ধ বানান	1	copy
	2. কোনি	2	Book,copy

SUBJECT : MATHEMATICS

Textbook Name : *ISC Mathematics (XII) (Volume I & II)*
Author : *M L AGGARWAL*
Publisher : *Avichal Publishing Company*

MONTH	TOPIC	NO.OF PERIODS	WORKSHEETS /ACTIVITY
OCT'24	**SECTION - A** 1. **PERMUTATIONS AND COMBIONATIONS** • *Factorial notation.*	5	Worksheet will be provided

	• *Fundamental principle of counting .* • *Permutations* • *Combinations ..*		
	Class Test	1	
NOV'24	2. **BINOMIAL THEOREM** • *Significance of Pascal's triangle* • *Binomial theorem*	5	Worksheet will be provided
	Class Test	1	
	3. **SEQUENCE AND SERIES** • *Arithmetic Progression (A . P)* • *Geometric Progression (G . P)* • *Special series .*	10	Worksheet will be provided
	Class Test	1	
DEC'24	4. **Relations & Functions** • *Revision*	1	Worksheet will be provided
	Class Test	1	
	5. **Trigonometry** • *Angles and Arc lengths* • *Trigonometric Functions* • *Compound and multiple angles* • *Revision* ***NOTE:** Graphs of sin x, cos x, tan x, sec x, cosec x and cot x are to be included*	02	Worksheet will be provided
	Class Test	1	
	6. **Complex Numbers** • *Revision*	1	Worksheet will be provided
	Class Test	1	
	7. **CALCULUS** • *Limits* • *Differentiation* ***NOTE:** Indeterminate forms are to be introduced while calculating limits .*	8	Worksheet will be provided
	Class Test	1	
	8. **CIRCLES** • *Equations of a circle.* • *Given the equation of a circle , to find the centre and the radius .* • *Finding the equation of a circle .*	4	Worksheet will be provided
	Class Test	1	
JAN' 26	9. **Straight Lines** • *Revision*	2	Worksheet will be provided
	Class Test	1	
	10. **Introduction to three Dimension Geometry**	1	Worksheet will be provided
	Class Test	1	

	11. Conic Section Sections of a cone, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. • **Standard equations and simple properties of parabola, ellipse and hyperbola.**	10	Worksheet will be provided
	Class Test	1	
	12. Statistics • *Revision*	8	Worksheet will be provided
	Class Test	1	
	13. Probability • *Revision*	3	Worksheet will be provided
	Class Test		

SUBJECT: PHYSICS			
Text Book : Nootan ISC Physics for Class-XI Publisher : Nageen Prakashan **Text Book for Physics Practical: ISC Practical Physics (Vol-I) for Class XI**			
MONTH	**TOPIC**	**NO. OF PERIODS**	**WORKSHEETS/ACTIVITY**
Oct'25	Properties of Bulk Matter Mechanical Properties of Solids Mechanical Properties of Liquids Pascal's Law Viscosity and Surface Tension	 3 5 2 3	Worksheet will be provided
	Class Test	1	
Nov'25	Heat and Thermodynamics Temperature and Heat Black body radiations First and Second Law of Thermodynamics Different Systems Behaviour of Perfect Gases and Kinetic Theory of Gases Kinetic theory of Gases Gas Laws Degrees of Freedom	 2 2 3 2 3 2 3	Worksheet will be provided
	Class Test	1	
Dec'25	Oscillations and Waves SHM Wave Motion Superposition of Waves Laws of Vibration	 3 3 3 2	Worksheet will be provided
	Class Test	1	
Jan'26	REVISION	Throughout the month	Worksheet will be provided
	Class Test	5	

SUBJECT : CHEMISTRY

Textbook Name : Chemistry

Author   *: K.l.Chugh*
Publisher   *: Kalyani publication*

MONTH	TOPIC	NO.OF PERIODS	WORKSHEETS/ACTIVITY
September'25	**NIKHILESH UPADHYAY:** **1)General organic chemistry** **a) Nomenclature** **b) Isomerism** **MONAMI DAS** **Chemical equlibrium**	**6** **3**	Worksheet will be provided
October ,25	**NIKHILESH UPADHYAY** c) Reaction Mechanism d) homologous series e **MONAMI DAS** a) Ionic equlibrium	6 4	
	Question and answer	3	Worksheet will be provided
	Class Test	1	
November,25	**Hydrocarbon** a) **Methods of preparation** b) **Confirmations of alkane**	12	Worksheet will be provided
	Class Test	1	
December 25	3. • Chemical and physical properties of alkane alkene and alkyne	12	Worksheet will be provided
	Class Test	1	
JAN 26	**REVISION OF ALL CHAPTERS OF CLASS 11**		

	SUBJECT : BIOLOGY		

Text Book : ISC Nootan Biology XI
Publisher Nageen Prakashan
Author : V. Singh, D.K Jain, Ajay Kumar Bhattacharya

MONTH	TOPIC	NO.OF PERIODS	WORKSHEETS/ACTIVITY
October'25	**UNIT 3: Cell Structure And Function** Chapter 9: Biomolecules	6	Worksheet will be provided
	UNIT 4: Plant physiology Chapter 11: Photosynthesis	3	Worksheet will be provided
November'25	**UNIT 4: Plant physiology** Chapter 11: Photosynthesis	3	Worksheet will be provided Activity.
	Class Test	1	
	UNIT 5: Human Physiology Chapter 18: Neural control and coordination	6	Worksheet will be provided
	UNIT 4: Plant physiology Chapter 13: Plant growth and development	4	Worksheet will be provided
	UNIT 5: Human Physiology Chapter 19: Chemical coordination and integration	3	Worksheet will be provided
	Class test	1	
December'25	**UNIT 5: Human Physiology** Chapter 19: Chemical coordination and integration	2	Worksheet will be provided Activity.
	UNIT 1: Diversity in Living Organisms Chapter 4: Animal Kingdom	4	Worksheet will be provided
	Class test	1	
	UNIT 2: Structural Organisation of Animals and Plants. Chapter 5: Morphology of flowering plants.	4	Worksheet will be provided
January'26	**UNIT 2: Structural Organisation of Animals and Plants.** Chapter 7: Morphology and anatomy of frog.	3	Worksheet will be provided
	Class Test	1	
	Revision	10	
February '26	**Revision**	5	Worksheet will be provided
REVISION CHAPTERS	**All chapters of Unit-I are included in the syllabus**		
Practical	**Will be conducted as per ISC guidelines**		
Project	**Project topics same as the UNIT 1**		
Please note that the no. of periods mentioned here are approximate.			

SUBJECT :COMPUTER SCIENCE

Textbook Name : Understanding ISC Computer Science (Java with BlueJ) Class XI
Publisher   : Arya Publishing Company
Author Name   : Vijay Kumar Pandey and   Dilip Kumar Dey

MONTH	TOPIC	NO.OF PERIODS	WORKSHEETS/ACTIVITY
Oct'25	Introduction to Arrays in Java	7	**Lab Activity**
Nov'25	Sorting and Searching in Arrays	5	
	Class Test (Theory)	1	
	Double Dimensional Array	5	**Lab Activity**
	Class Test(Practical)	1	
Dec'25	Strings in Java	15	**Lab Activity**
	Class Test(Practical)	1	
Jan'26	Recursion in Java	8	
	Practice Programs	5	**Lab Activity**
	Class Test(Practical)	1	
Project			**10 Programs on Conditional Statemens, Switch Case, Loops and Nested Loops** **List of programs already provided.**
* Note: No. of Periods mentioned may vary			

SUBJECT : SUPW

Textbook Name : No Book

MONTH	SUPW	NO.OF PERIODS	WORKSHEETS/ACTIVITY
April' 25 to	**Project 2**	**6**	Making a chart on educational subject
July ' 25			