



# NOPANY HIGH

(I.C.S.E. & I.S.C Affiliated)  
2-C, Nando Mullick Lane, Kolkata - 700006

## Syllabus

Academic Session: (2024-2025)

Class: XI (Comm) (Unit –I)

### SUBJECT : English Language

**Textbook Name : Total English for class 11**

MONTH	TOPIC	NO. OF PERIODS	WORKSHEETS/ACTIVITY
<b>April'24</b>	1.Proposal writing	2	
	Class Test	1	
	2. Film Review	1	Worksheet will be provided
	Class Test	1	
	3. Test papers 2 and	3	
<b>May'24</b>	1.Report writing	2	
	Class Test	1	
	2. Test papers 4 and 5	3	Worksheet will be provided
	Class Test	1	
<b>June'24</b>	1.Book Review	2	
	Class Test	1	
	2. Test papers 6 and 7	3	Worksheet will be provided
	Class Test	1	
		3	
<b>July'24</b>	<b>1. Speech writing</b>	<b>2</b>	<b>Worksheet</b>
	<b>2. Test papers 8 and 9</b>	<b>2</b>	
<b>August24</b>	1. Article writing	2	<b>Worksheet</b>
	2. Test on Oral and Aural	4	

**SUBJECT : English Literature ( Commerce )**

**Textbook Name : Prism, Rhapsody and Macbeth**  
**Publisher : Evergreen Publication and Oxford**

MONTH	TOPIC	NO. OF PERIODS	WORKSHEETS/ACTIVITY
<b>April'24</b>	1. Abhisara	5	
	2. Class Test	1	<b>Worksheet will be provided</b>
	3. Sonnet 116	1	
<b>May'24</b>	1. <b>Sonnet 116</b>	<b>4</b>	
	2. Class Test	1	
	3. A Living God	3	Worksheet will be provided
<b>June'24</b>	1. A Living God	4	
	2. Class Test	1	
	3. A Paper Menagerie	2	Worksheet will be provided
<b>July'24</b>	1. <b>A Paper Menagerie</b>	<b>5</b>	
	2. Class test	1	<b>Worksheet will be provided</b>
	3. Thank you Ma'am	6	
	4. Class Test	1	
<b>August24</b>	1. Macbeth (Act 1)	10	
	2. Class test	1	<b>Worksheet will be provided</b>
	3. Revision	2	
<b>Project</b>	Write a short story based on a poem		<b>Submission date: 2nd July 2024</b>

**Note: No of periods mentioned above may vary**

**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
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<b>SECTION - A</b>			
<b>April'24</b>	<p><b>1. Sets</b></p> <ul style="list-style-type: none"> <li>➤ Sets and their representations.</li> <li>➤ Empty set. Finite and Infinite sets.</li> <li>➤ Equal sets. Subsets. Subsets of a set of real numbers especially intervals (with notations). Power set. Universal set.</li> <li>➤ Venn diagrams. Union and Intersection of sets. Practical problems on union and intersection of two and three sets.</li> <li>➤ Difference of sets. Complement of a set.</li> <li>➤ Properties of Complement of Sets.</li> </ul>	5	Worksheet will be provided
	Class Test	1	
	<p><b>2. Relations &amp; Functions</b></p> <ul style="list-style-type: none"> <li>• <b>Basic concepts of Relations and Functions</b></li> <li>➤ <i>Ordered pairs, sets of ordered pairs.</i></li> <li>➤ <i>Cartesian Product (Cross) of two sets, cardinal number of a cross product.</i></li> <li><i>Relations as:</i> <ul style="list-style-type: none"> <li>➤ <i>an association between two sets.</i></li> <li>➤ <i>a subset of a Cross Product.</i></li> <li>➤ <i>Domain, Range and Co-domain of a Relation.</i></li> </ul> </li> <li>➤ <i>Functions:</i> <ul style="list-style-type: none"> <li>➤ <i>As special relations, concept of writing "y is a function of x" as <math>y = f(x)</math>.</i></li> <li>➤ <i>Introduction of Types: one to one, many to one, into, onto.</i></li> <li>➤ <i>Domain and range of a function.</i></li> </ul> </li> </ul>	5	Worksheet will be provided
	Class Test	1	
<b>May'24</b>	<p><b>3. Trigonometry</b></p> <ul style="list-style-type: none"> <li>• <b>Angles and Arc lengths</b> <ul style="list-style-type: none"> <li>➤ <i>Angles: Convention of sign of angles.</i></li> <li>➤ <i>Magnitude of an angle: Measures of Angles; Circular measure.</i></li> <li>➤ <i>The relation <math>S = r\theta</math> where <math>\theta</math> is in radians. Relation between radians and degree.</i></li> <li>➤ <i>Definition of trigonometric functions with the help of unit circle.</i></li> <li>➤ <i>Truth of the identity <math>\sin^2x + \cos^2x = 1</math></i></li> </ul> </li> <li><i>NOTE: Questions on the area of a sector of a circle are required to be covered.</i></li> <li>• <b>Trigonometric Functions</b></li> </ul>	17	Worksheet will be provided

	<ul style="list-style-type: none"> <li>➤ Relationship between trigonometric functions.</li> <li>➤ Proving simple identities.</li> <li>➤ Signs of trigonometric functions.</li> <li>➤ Domain and range of the trigonometric functions.</li> <li>➤ Trigonometric functions of all angles.</li> <li>➤ Periods of trigonometric functions.</li> <li>➤ Graphs of simple trigonometric functions (only sketches).</li> </ul> <p><b>NOTE:</b> Graphs of <math>\sin x</math>, <math>\cos x</math>, <math>\tan x</math>, <math>\sec x</math>, <math>\operatorname{cosec} x</math> and <math>\cot x</math> are to be included.</p> <ul style="list-style-type: none"> <li>• <b>Compound and multiple angles</b> <ul style="list-style-type: none"> <li>➤ Addition and subtraction formula: <math>\sin(A \pm B)</math>; <math>\cos(A \pm B)</math>; <math>\tan(A \pm B)</math>; <math>\tan(A + B + C)</math> etc., Double angle, triple angle, half angle and one third angle formula as special cases.</li> <li>➤ Sum and differences as products .</li> <li>➤ <b>Trigonometric Equations</b></li> </ul> </li> </ul>		
	Class Test		
<b>June'24</b>			
		1	
	<b>Complex Numbers</b>	10	Worksheet will be provided
	Class Test	1	
<b>July'24</b>	<b>Quadratic Equations</b>	4	Worksheet will be provided
	Class Test	1	
	<b>Inequalities</b>		Worksheet will be provided
	Class Test	1	
	<p><b>Straight Lines</b></p> <ul style="list-style-type: none"> <li>• Basic concepts of Points and their coordinates.</li> <li>• The straight line - Slope or gradient of a line. <ul style="list-style-type: none"> <li>➤ Angle between two lines.</li> <li>➤ Condition of perpendicularity and parallelism.</li> <li>➤ Various forms of equation of lines.</li> <li>➤ Slope intercept form.</li> <li>➤ Two-point slope form.</li> <li>➤ Intercept form.</li> <li>➤ Perpendicular /normal form.</li> <li>➤ General equation of a line.</li> <li>➤ Distance of a point from a line.</li> <li>➤ Distance between parallel lines.</li> </ul> </li> </ul>	10	Worksheet will be provided

	<ul style="list-style-type: none"> <li>➤ Equation of lines bisecting the angle between two lines. -Equation of family of lines -Definition of a locus.</li> <li>➤ Equation of a locus.</li> </ul>		
	Class Test	1	
August'24	<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>• Mean deviation about mean and median.</li> <li>• Standard deviation - by direct method, short cut method and step deviation method.</li> </ul> <p><i>NOTE: Mean, Median and Mode of grouped and ungrouped data are required to be covered.</i></p>	5	Worksheet will be provided
	Class Test	1	
August'24	<p style="text-align: center;"><b>SECTION B</b></p> <p><b>Conic Section</b></p> <p>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.</p> <ul style="list-style-type: none"> <li>• <b>Standard equations and simple properties of parabola, ellipse and hyperbola.</b></li> </ul>	10	Worksheet will be provided
	Class Test	1	
August'24	<p style="text-align: center;"><b>SECTION C</b></p> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>• Combined mean and standard deviation.</li> </ul> <p>- <i>If the period is even, then the centered</i></p> <ul style="list-style-type: none"> <li>• <i>The Median, Quartiles, Deciles, Percentiles moving average is to be found out and and Mode of grouped and ungrouped data.</i></li> </ul>	5	Worksheet will be provided
	Class Test	1	

**SUBJECT : Commerce**

**Textbook Name : ISC Commerce**

**Author : C. B. Gupta**

**Publisher : S Chand**

MONTH	TOPIC	NO. OF PERIODS	WORKSHEETS/ACTIVITY
April'24	Ch 1 - Classification of Human Activities	3	Worksheet
	Class Test	1	

<b>May'24</b>	Ch 2 - Nature and Objectives of Business	4	
	Class Test	1	
	Ch 3 - Classification of Business Activities	5	
	Class Test	1	
<b>June'24</b>	Ch 4 - Introduction to Business Organizations	2	
	Class Test	1	
	Ch 5 - Sole Trader	4	Worksheet
	Class Test	1	
<b>July'24</b>	Ch 6 - Partnership	4	
	Class Test	1	
	Ch 7 - Joint Stock Company	4	Worksheet
	Class Test	1	
	Ch 8 - Type Types of Companies	4	
	Class Test	1	
	Ch 9 - Formation of a Company	5	
	Class Test	1	
	Ch 10 - Public Enterprises, Public Utilities & PPP	4	
<b>August'24</b>	Ch 10 - Continuation	2	
	Class Test	1	
	Ch 11 - Cooperative Organization	4	
	Class Test	1	
	Ch 12 - Social Responsibilities of Business and Business Ethics	3	Worksheet
	Class Test	1	
	REVISION OF UT1		
<ul style="list-style-type: none"> <li>• Number of periods are tentative.</li> <li>• Projects will be discussed in the class.</li> </ul>			

## SUBJECT :ECONOMICS

**Textbook Name :ISC Economics**  
**Author : D.K.Sethi & U.Andrews**  
**Publisher : Frank Bros & Co.**

MONTH	TOPIC	NO.OF PERIODS	WORKSHEETS/ACTIVITY
<b>April'24</b>	1.Definition of Economics	<b>6</b>	
<b>May'23</b>	1.Definition of Economics(continued)		Worksheet will be provided
	2.Basic Concepts of Economics.	5	<b>Worksheets will be provided.</b>
	3.Basic Problems of an Economy	4	
	<b>Class test</b>	1	
	4.Types of Economies	5	
<b>June'24</b>	1.Types of Economics(continued)	4	Worksheet will be provided
	2.Solutions to the Basic Economic Problems under Different Economic Systems.	4	
	Class Test	1	
<b>July'24</b>	1.Economic Growth and Development	7	<b>Worksheets will be provided.</b>
	2.Parameters of Development	7	
	3.Sustainable Development	6	Worksheet will be provided
	Class Test	1	
	4.Planning and Economic Development in India	6	
<b>August'24</b>	<b>1 Definition, Scope , Importance and Limitations of Statistics</b>	<b>3</b>	
	2 Collection, Organisation & Presentation of Data.	10	<b>Worksheets will be provided.</b>
	Class test	1	
	3 Measures of Central Value	10	<b>Worksheets will be provided.</b>
	Revision	5	

**SUBJECT : ACCOUNTS****Textbook Name : Double Entry Book Keeping****Author : T.S. Grewal****Publisher : Sultan Chand**

<b>MONTH</b>	<b>TOPIC</b>	<b>NO. OF PERIODS</b>	<b>WORKSHEETS/ACTIVITY</b>
	<b>UT-I</b>		
<b>April'24</b>	1. Introduction to Accounting	2	<b>Worksheets will be provided for the mentioned chapters</b>
	2. Basic Accounting Term	2	
	3. GAAP	1	
	4. Journal	4	
	5. Ledger	4	
	Class Test	1	
<b>May'24</b>	1. Journal & Ledger (contd.)	17	<b>Worksheets will be provided for the mentioned chapter</b>
	Class Test	1	
<b>June'24</b>	1. Trial Balance	6	<b>Worksheets will be provided for the mentioned chapters</b>
	2. GST	7	
	Class Test	1	
<b>July'24</b>	1. Cashbook	15	<b>Worksheets will be provided for the mentioned chapters</b>
	2. Petty Cashbook	6	
	3. Sub Division of Journal	9	
	Class Test	1	

<b>August'24</b>	1. Depreciation	15	
	2. Provision and Reserve	4	<b>Worksheets will be provided for the mentioned chapters</b>
	3. Capital and Revenue Expenditure	4	
<b>September'24</b>	Class Test	3	
	Revision for UT-I Examination	7	
	<b>UT-II</b>		
<b>October '24</b>	1. Final Accounts- Without Adjustments	10	<b>Worksheets will be provided for the mentioned chapters</b>
	2. Final Accounts- With Adjustments	5	
	Class Test	1	
	1. Final Accounts-With Adjustments	10	
	2. Bills of Exchange	8	
	Class Test	1	
<b>November '24</b>	1. Bills of Exchange	4	<b>Worksheets will be provided for the mentioned chapters</b>
	2. Rectification of Errors	15	
<b>December '24</b>			<b>Worksheets will be provided for the mentioned chapters</b>
	Class Test	3	

<b>January '24</b>	1. Non-Trading Organisation	20	<b>Worksheets will be provided for the mentioned chapters</b>
	Class Test	2	
<b>February '24</b>	Revision	14	

**Note:**

- All mentioned periods are approximate
- All chapters of UT- I are included in UT-II
- Projects as per CISCE guidelines will be discussed in the group.

**SUBJECT : BSTD**

**Textbook Name : ISC Business Studies**

**Author : C. B. Gupta**

**Publisher : Goyal Brothers Prakashan**

MONTH	TOPIC	NO. OF PERIODS	WORKSHEETS/ACTIVITY
<b>April'24</b>	Ch 1 - Business Environment	4	Worksheet
<b>May'24</b>	Ch 1 - Business Environment (continuation)	2	
	Class Test	1	
	Ch 2 - Entrepreneurship	5	Worksheet
	Class Test	1	
<b>June'24</b>	Ch 3 - Business Risks and Causes of Business Failure	5	
	Class Test	1	
	Project 1	3	Project to be done
<b>July'24</b>	Project 1 - continuation	5	
	Ch 4 - Manager and Managerial Roles	3	Worksheet
	Class Test	1	
	REVISION OF UT 1		
<b>August'24</b>	REVISION OF UT 1		

- Number of periods are tentative.
- Projects will be discussed in the class.

**SUBJECT : HINDI**

**Textbook Name 1** : व्याकरण मंजूषा  
**Publisher** : एवरग्रीन पब्लिकेशन  
**Text book Name 2** : गद्य संकलन  
**Publisher** : एवरग्रीन पब्लिकेशन  
**Text book Name 3** : काव्य मंजरी  
**Publisher** : एवरग्रीन पब्लिकेशन  
**Text book Name 4** : सारा आकाश ( उपन्यास )  
**Author** : राजेंद्र यादव

MONTH	TOPIC	NO. OF PERIODS	WORKSHEETS/ACTIVITY
April'24	1. पुत्र प्रेम (कहानी)	3	LPQ Worksheet will be provided
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	-		
	-		
	-		
May'24	1. साखी (कविता)	5	LPQ Worksheet will be provided
	Class Test	1	
	2. अशुद्ध वाक्यों को शुद्ध करना	3	Worksheet will be provided
	3. मुहावरे और लोकोक्तियां	3	
	4. हिंदी परियोजना कार्य (Hindi Project)	2	प्रेमचंद्रजी का जीवन परिचय और रचनाओं का उल्लेख करते हुए, पुत्रप्रेम कहानी का सारांश और उद्देश्य लिखिए।
June'24	1. गौरी (कहानी)	5	LPQ worksheet will be provided
	Class Test	1	
	2. अपठित गद्यांश	2	Worksheet will be provided
	3. निबंध लेखन	2	
	4. सारा आकाश	3	Worksheet will be provided
July'24	1. शरणागत (कहानी)	5	LPQ worksheet will be provided
	. Class test	1	
	2. बाललीला (कविता)	5	LPQ worksheet will be provided
	Class test	1	
	सारा आकाश	4	
August24	एक फूल की चाह (कविता)	5	LPQ worksheet will be provided
	Class test	1	
	2. निबंध लेखन	2	
	3. अपठित गद्यांश	2	Worksheet will be provided
	4. सारा आकाश	4	
	Revision		

**SUBJECT : BENGALI****Textbook Name** : ISC প্রবন্ধ ও গদ্য সংকলন, ISC কবিতা সংকলন, কোনি (মতি নন্দী)**Publisher** : power publishers

MONTH	TOPIC	NO. OF PERIODS	WORKSHEETS/ACTIVITY
April'24	1. ঠাকুরদা	4	Lpq will be provided
May'24	2. ওরা কাজ করে	2	Worksheet will be provided
	3. জোড়াসাঁকোর ধারে	2	Lpq will be provided
	4. পূব-পশ্চিম	3	LPQ will be provided
	Project explanation	1	
June'24	5. ভাসের ঘর	4	Worksheet will be provided
	Class test	1	
	6. বনলতা সেন	2	LPQ will be provided
	Class test	1	
July'24	7. কোনি	7	LPQ will be provided
	Class test	1	
	8. বোধ পরীক্ষণ	2	Worksheet will be provided
	9. প্রবন্ধ	2	Activity
	10. বাগধারা	2	Activity
	11. শুদ্ধ বানান	2	Worksheet will be provided
August'24	Class test	1	
	12. বাক্য পরিবর্তন	2	Activity
	13. বিভিন্ন প্রকার শব্দ	2	Worksheet will be provided
	Class test	1	
	14. উক্তি পরিবর্তন	2	Worksheet will be provided
	15. বাচ্য পরিবর্তন	2	Worksheet will be provided
	Class test	1	
	• Revision	4	

**SUBJECT : ENVIRONMENTAL SCIENCE**

**Textbook Name : ISC ENVIRONMENTAL SCIENCE**

**Author : AMITA GANGULY**

**Publisher : MARINA**

MONTH	TOPIC	NO.OF PERIODS	WORKSHEETS/ACTIVITY
<b>April'24</b>	1.MODES OF EXISTENCE AND RESOURCE USE	2	Worksheet will be provided
	Class Test	1	
	2. ECOLOGY	4	Worksheet will be provided
	Class Test	1	
<b>May'24</b>	3. POLLUTION	6	
	Class Test	1	
	REVISION		Worksheet will be provided
<b>June'24</b>	4. POLLUTION	8	Worksheet will be provided
	Class Test	1	
	REVISION		Worksheet will be provided
<b>July'24</b>	5.LEGAL REGIMES OF SUSTAINABLE DEVELOPMENT	6	Worksheet will be provided
	Class test	1	
	REVISION		Worksheet will be provided
<b>August24</b>	6. LEGAL REGIMES OF SUSTAINABLE DEVELOPMENT	8	Worksheet will be provided
	REVISION		Worksheet will be provided

**SUBJECT: PHYSICAL AND HEALTH EDUCATION**

MONTH	TOPIC	NO. OF PERIODS	ACTIVITY
<b>April'24</b>	1. FITNESSGRAM	3	<ul style="list-style-type: none"> <li>• FREE HAND EXERCISES</li> </ul>
	Class Test	1	
	2. CRICKET	3	<ul style="list-style-type: none"> <li>• RULES RAGULATIONS</li> <li>• TECHNIQUES AND SKILLS</li> </ul>
	Class Test	1	
<b>May'24</b>	1. FITNESSGRAM	3	<ul style="list-style-type: none"> <li>• FREE HAND EXERCISES</li> </ul>
	Class Test	1	

	2. BADNINTON	3	<ul style="list-style-type: none"> <li>• RULES RAGULATIONS</li> <li>• TECHNIQUES AND SKILLS</li> </ul>
	Class Test	1	
June'24	1. MASS DRILL & FITNESSGRAM	3	<ul style="list-style-type: none"> <li>• CALLISTHENICS, AEROBICS &amp; YOGA.</li> </ul>
	Class Test	1	
	2. BASKET BALL	3	<ul style="list-style-type: none"> <li>• RULES RAGULATIONS</li> <li>• TECHNIQUES AND SKILLS</li> </ul>
	Class Test	1	
July'24	1. MASS DRILL & FITNESSGRAM	3	<ul style="list-style-type: none"> <li>• CALLISTHENICS, AEROBICS &amp; YOGA.</li> </ul>
	Class Test	1	
	2. FOOTBALL	3	<ul style="list-style-type: none"> <li>• RULES RAGULATIONS</li> <li>• TECHNIQUES AND SKILLS</li> </ul>
	Class Test	1	
August'24	1. MASS DRILL & FITNESSGRAM	3	<ul style="list-style-type: none"> <li>• CALLISTHENICS, AEROBICS &amp; YOGA.</li> </ul>
	Class Test	1	
	2. TABLE TENNIS, CHESS & CARROM	3	<ul style="list-style-type: none"> <li>• RULES RAGULATIONS</li> <li>• TECHNIQUES AND SKILLS</li> </ul>
	Class Test	1	

**SUBJECT : SUPW**

**Textbook Name : No Book**

MONTH	SUPW	NO.OF PERIODS	WORKSHEETS/ACTIVITY
April' 24 to	Project 1	6	Making Flower vase ( with discarded materials)
July ' 24			