



NOPANY HGH

(I.C.S.E. & I.S.C Affiliated)

2-C, Nando Mullick Lane, Kolkata – 700006

Syllabus

Academic Session: 2021 - 2022

Class: XI Science (Unit –I)

English Language	
Textbook : <i>Total English for Class 11</i> Publisher : Morning Star Publication	
1. Specimen Paper-2	[Q:3 a,b,c]
2. Specimen Paper-3	[Q: 3 a,b,c]
3. Comprehension: Specimen Paper 2 and 3	
Writing skills	
1. Proposal Writing- As a member of the Student Council of your school, you wish to start an old clothes collection drive. These clothes are to be donated to an orphanage nearby. Write a proposal in not more than 150 words , stating the steps you would take to make it a success.	
2. Review Writing- Write a review of the book which you have recently read. [300 words]	
Blue Print of Unit-I Question Paper	
UNIT-I EXAMINATION SUBJECT- ENGLISH LANGUAGE CLASS: XI	
TIME: 2 HRS MARKS: 50	
<u>SECTION-A</u>	
<ul style="list-style-type: none">• PROPOSAL WRITING (10 marks)• BOOK REVIEW WRITING (15 marks)• COMPREHENSION (10 MARKS)	
<u>SECTION-B</u>	
<ul style="list-style-type: none">• TRANSFORMATION OF SENTENCES (5 MARKS)• FILL IN THE BLANKS WITH A SUITABLE WORD (5 MARKS)• FILL IN THE BLANKS USING VERBS (5 MARKS)	
English Literature	
1. <i>The Tempest- William Shakespeare</i> Publisher- Morning Star Publication	
2. <i>Echoes : A Collection of ISC Short Stories</i> Publisher- Evergreen Publications Ltd	
3. <i>Reverie- A Collection of ISC Poems</i> Publisher- Evergreen Publications Ltd	
I. The Tempest: William Shakespeare- Act I Scene I	

II. Echoes:

- a) *Salvatore* – W. Somerset Maugham (Prose)

II. Reverie:

- a) *John Brown* – Bob Dylan (Poem)

Blue Print of Unit-I Question Paper

UNIT-I EXAMINATION
SUBJECT- ENGLISH LITERATURE
CLASS: XI

TIME: 2 HRS**MARKS: 50****SECTION-A**

- REFERENCE TO THE CONTEXT: (30 MARKS) (3 RTCs will be given for 10 marks each)

SECTION-B

- LONG ANSWER QUESTIONS: (20 MARKS) (4 Long answer questions will be given for 5 marks each)

Mathematics	
<i>Text Book - I : ISC Mathematics (XI) Publisher: M L Aggarwal</i>	
Section-A	
Sets and Functions:	a. Sets b. Relations and functions
Algebra	a. Principle of Mathematical Induction
Calculus	a. Limits
Section-B	
Conic section (Parabola)	
Section-C	
Statistics (Combined mean and Standard Deviation, Median, Quartiles, Deciles, Percentiles and Mode of grouped and ungrouped data)	
Marks Distribution	
Section-A(40 Marks)	
<ul style="list-style-type: none"> • Multiple Type Question - 10 marks-(1x10=10) • Very Sort Type Question - 10 marks-(2x5=10) • Sort Type Question - 8 marks-(2x4=8) • Long Type Question - 12 marks-(2x6=12) 	
Section-B(10 Marks)	
<ul style="list-style-type: none"> • Multiple Type Question - 2 marks-(1x2=2) • Sort Type Question - 8 marks-(2x4=8) 	
OR	
Section-C(10 Marks)	
<ul style="list-style-type: none"> • Multiple Type Question - 2 marks-(1x2=2) • Sort Type Question - 8 marks-(2x4=8) 	

Physics	
Text Book : <i>Nootan ISC Physics for Class-XI</i>	
Publisher : <i>Nageen Prakashan</i>	
Text Book for Physics Practical: ISC Practical Physics (Vol-I) for Class XI	
Reference Book : <i>ISC Physics, Class XI, VOL-I and II</i>	
Publisher : <i>Kalyani Publications</i>	
Theory	
Unit : 1	<u>Physical World And Measurements</u>
Chapter 1	Physical World
Chapter 2	Units and Measurements: Error analysis
Chapter 3	Dimensional analysis
Unit : 2	<u>KINETICS</u>
Chapter 5	Motion In A Straight Line
Chapter 6	Motion In A Plane
Blueprint Of Marks Distribution :	
Full Marks: 50	
Section –A (35 Marks)	Section – B (15 Marks)
<ul style="list-style-type: none"> • Short type questions (2×10=20) • Long type questions (3×5=15) 	<ul style="list-style-type: none"> • Multiple Choice Question (1×15=15)

Biology	
Text Book - ISC Srijan Biology XI	
Publisher - Srijan Publishers P. Ltd.	
Chapter -1	The Living World
Chapter -2	Biological Classification
Chapter -3	Plant Kingdom
Blueprint for question paper pattern:-	
Full marks = 50	
<ul style="list-style-type: none"> • Multiple Choice Question / Fill in the blanks / True & False : 1x15 = 15 • Short type answer : 2x10 = 20 • Long type answer : 3x5 = 15 	

Chemistry	
Text Book - ISC Chemistry (K L Chugh) Vol 1 and Vol 2	
Publisher: Kalyani	
Chapter : 1	Some Basic Concepts of Chemistry
Chapter : 2	Structure of Atom
Blueprint of Question Paper	
Full Marks :50	
Section - A (35 Marks)	
Question 2	Answer the following (5x2=10)
Question 3	Answer the following (5x3=15)
Question 4	Answer the following (2x5=10)
Section - B (15 Marks)	
Question 1	<ul style="list-style-type: none"> a. Fill in the blanks by choosing appropriate words given in brackets (5x1=5) b. Completion of sentences by choosing correct alternatives (5x1=5) c. Match the columns (5x1=5)

EVS	
Text Book - ISC Environmental Science	
Author- Dr. Nirmal Kapoor	
Publisher - Goyal Brother Prakashan	
Theory Paper -50 Marks	
Chapter -1	Modes of existence
Chapter -2	Ecology
Blueprint for question paper pattern:-	
Full marks = 50	
Section A	
MCQ / Fill in the blanks / One word answer : 15 x 1 = 15	
Section B	
Part 1	
Short type answer : 10x3 = 30	
Part 2	
Long type answer(any one) 5x1 = 5	

Computer Science	
Book Name : Computer Science With Java	
Author Name : Sumita Arora	
Publisher : Dhanpat Rai & Co.	
Chapter 1 : Data Representation	
Blue Print Of Unit I Question Paper:	
Time : 2hrs	
Marks: 50	
Section A(Objective)	
• Multiple Choice:	(1x5=5)
• Fill In The Blanks:	(1x5= 5)
• Match The Following:	(1x5=5)
Section B	
• Conversion Sums:	(2x5=10)
• Binary Arithmetic:	(2x10=20)
• Short Question/ Answers:	(1x5=5)