# St. Patrick's Higher Secondary School, Asansol
# Class – XII
# Syllabus for the Session 2025 – 2026

## English Language

*There will be two papers in English Language:*

*Paper I: Theory (3 hours): 80 Marks*

*Paper II: Project Work: 20 Marks*

**PAPER I: THEORY - 80 Marks**

**MID TERM**

1) Question One: Composition (400-450 words)(20 marks)

A composition on one of a number of subjects.(narrative , descriptive, reflective, argumentative, discursive topics and short story)

... 20 Marks

2) Question Two: (250-300 words)

(a) Directed writing(15 marks)

(i)Statement of purpose

(ii) Speech Writing

(b) Proposal Writing (10 marks)

Proposal Writing based on a given situation. The proposal should include

(i) An Introduction (ii) Objectives (iii) List of measures to be taken. A concluding statement is Desirable.

3) Question Three:

Short-answer questions to test grammar, structure and usage. ...15 Marks

(i) Transformation of sentences

(ii) Phrasal verbs

(iii) Tenses

4) Question Four:

Comprehension. ...20 Marks

All questions are compulsory.

*# Class 11 syllabus included in the First term.*

*Note: Full Syllabus in the Language Paper for Pre- mock and Mock.*


*FORMAT OF THE QUESTION PAPER*

ENGLISH LANGUAGE F.M.- 80

Time: 3 hours

Question 1

Composition (400-450 words) [20 marks]

Candidates will be required to select one composition out of the six choices, namely narrative, descriptive, reflective, argumentative, discursive topics and a short story.

Question 2

(a) Directed Writing (250-300 words)based on the given outline points in the question paper :

[15 marks]

(b) Proposal Writing based on a given situation. The proposal should include an introduction, objectives and a list of measures to be taken. A concluding statement is desirable. Candidates will also be marked on linguistic ability. [10 marks]

Question 3

Short answer questions to test grammar, structure and usage.

(a) Transformation of Sentences according to the instructions given below.

(b) Phrasal verbs [1/2x10= 5 marks]

(c) Correct Usage of Verbs [1/2x10= 5 marks ]

[1x5= 5 marks]

Question 4

Comprehension Passage of 700 words.

(a) Synonyms [3 marks]

(b) Sentences to bring out differences in meaning(MCQ 3marks)

 (c) Question and Answers [2x3=6 marks]

(d) Summary (100 words) [8 marks]

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# English Literature

*There will be two papers in Literature in English:*

*PAPER I: Theory (3 hours) - 80 Marks*

*PAPER II : Project Work: 20 Marks*

**FIRST TERM**

DRAMA:Macbeth-William Shakespeare - Acts 3& 4

PROSE:

PRISM: A Collection of ISC Short Stories

1. Atithi/Guest - Rabindranath Tagore

2. The Cookie Lady - Philip K. Dick

3. There Will Come Soft Rains - Ray Bradbury

POETRY: RHAPSODY: A Collection of ISC Poems

1. Telephone Conversation - Wole Soyinka

2. Tithonus - Alfred, Lord Tennyson

3. Beethoven - Shane Koyczan

**PRE MOCK**

DRAMA:        Macbeth-William Shakespeare - Acts 5

PROSE:        PRISM: A Collection of ISC Short Stories

1. Indigo Satyajit Ray

2. The Medicine Bag - Virginia Driving Hawk Sneve

POETRY: RHAPSODY: A Collection of ISC Poems

1. Small Towns and the River - Mamang Dai

2. Death be not Proud - John Donne

*(Note: First term syllabus included in Pre Mock and full syllabus in Mock Examinations.)*

*FORMAT OF THE QUESTION PAPER*

Class 12 ENGLISH LITERATURE FM: 80

TIME: 3 HRS

SECTION A (COMPULSORY) [ 20 MARKS]

Question 1:

Multiple choice questions from all the three prescribed text books,

DRAMA, PROSE AND POETRY [ 1X 10 = 10 Marks]

Question 2:

Complete the sentences giving a reason from DRAMA, PROSE AND POETRY. [ 1X 10 = 10 MARKS]
SECTION B : 60 MARKS ( SUBJECTIVE)

DRAMA- MACBETH BY SHAKESPEARE Question 3:

i) Subjective Question - 5 Marks

ii) Subjective Question - 5 Marks

iii) Subjective Question-- 10 Marks (Any one from a choice of TWO questions.) 3|Page


PRISM : A COLLECTION OF ISC SHORT STORIES Question 4:

i) Subjective Question - 5 Marks

ii) Subjective Question - 5 Marks

iii) Subjective Question - 10 Marks ( Any one from a choice of TWO questions.) RHAPSODY - COLLECTION OF ISC POEMS

Question 5:

i) Subjective Question - 5 Marks

ii) Subjective Question -5 Marks

iii) Subjective Question -10 Marks. ( Any one from a choice of TWO questions.)

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# 2nd Language – Hindi


**MID TERM**

**SECTION A – LANGUAGE**
**(40 MARKS)**
1) Composition (Essay) 400 words :                               15 Marks
2) Comprehension :                                               15 Marks
3) Grammar:
   i) Idioms :                                               5Marks
   ii) Correction of sentences :                             5Marks

**SECTION B (LITERATURE)**
**Gadhya Sanklan**
Ch 7: Kya Nirash Hua Jaye
Ch 8: Bhaktin Questions will come from (ch 1,2,3,4,5,6,7,8)
**Kavya Manjari**
Ch 7: Jag Tujhko Door jaana hain

Ch 8: Udyami Nar Questions will come from (ch. 1,2,3,4,5,6,7,8)
Aashadh Ka Ek din Ank 3 Questions will come Ank 1,2,3

**FINAL TERM**

**SECTION A LANGUAGE**
| | |
|---|---|
1) Composition (Essay) 400 words :|15 Marks
2) Comprehension :|15 Marks
3) Grammar| |
  i) Idioms :|5 Marks
  ii) Correction of sentences :|5 Marks

**SECTION B (LITERATURE)**
**40 MARKS**
**Gadhya Sanklan**
Ch9: Sanskriti Kya Hain
Ch10: Majboori (Questions will come from FULL BOOK)
**Kavya Manjari**
Ch9: Baadal ko Ghirte Dekha hain
Ch10: Andhere Ka Deepak (Questions will come from FULL BOOK)
Aashadh Ka Ek din (Questions will come from FULL BOOK FORMAT OF QUESTION PAPER)

**CLASS: 12 (HINDI)-Time: 3 Hrs FM: 80**
**Section A (Language) -**
**40 Marks**

| | |
|---|---|
1) Essay :|15 marks
2) Comprehension :|15 Marks (3x3 marks) (6x1 mcq)
3) Grammar :|10 marks
**Section B (literature)**|**(40 Marks)**

**Any Four Questions out of Nine Questions are to be attempted. One question is compulsory from each book of three books. Three Question from Gadhya Sankalan, Three Question from Kavya Manjari and Three Question from Aashadh ka ek din (Drama). (4X10=40)**


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# 2<sup>nd</sup> language Bengali

**MID-TERM**

TEXT BOOK –

1) Probondho o godyo sonkolon

2) kobita sonkolon

3) novel- koni


**Section -A Language 40 marks**

1)   Essay (400 words) (15 marks)
2)   Comprehension (15 marks)
3)   Grammar (10marks)
    Total grammar syllabus covered upto class 11
      Section-B (literature 40 marks)
    **Probondho o godyo sankalan**

A) Record

B) Birjosulka

C) Aadab

**Kobita sonkolon**

    A) Salemoner maa

    B) Rasta karor ekar noy

    C) Noon

**Novel-koni**

Chapter-8,9,10,11

**<u>Final -Term</u>**

Section -A Language 40 marks .

1)Essay (400 words) (15 marks)

2)Comprehension (15 marks)

3)Grammar (10marks)

including mid term syllabus

   Section-B (literature 40 marks)

**Probondho o godyo sankalan**

A) Lachmaner maa

B) ekti Tulsi gacher kahini

C) Na paharar porikkha

**Kobita sonkolon**

A) Swadhinota Tumi

B) jodi nirbason dao

C) Baborer prarthona

**Novel-koni**

Chapter -12,13,14

**Final -Term -: Mid term syllabus included.**

**Format of question paper:-theory 80 marks**

**Project 20 marks.**

**Time 3 hours.**

**Full marks 100 .**

 **Section A language 40 marks.**

 **Essay 15 marks**

 **comprehension 15 marks (3×3=9 marks)**

**(1×6=6 marks m.c.q)**

**Grammar 10 marks MCQ**

**Section B literature 40 marks.**

**Any four questions out of nine questions are to be attempted.**

 **One question is compulsory from each book of three books.**

**Three questions from prabandha o godyo sankalan, three questions from Kavita sankalan and entry question from novel Koni.**

# MATHEMATICS

*TEXT BOOK – UNDERSTANDING ISC MATHEMATICS CLASS XII (VOL 1 & VOL 2)*
*BY M. L. AGGARWAL.*

## MID TERM

### SECTION A

1. RELATIONS AND FUNCTIONS (excluding Composition of Functions and Binary Operations).

2. INVERSE TRIGONOMETRIC FUNCTIONS.

3. MATRICES (excluding elementary operations).

4. DETERMINANTS.

5. CONTINUITY AND DIFFERENTIABILITY.

7. APPLICATION OF DERIVATIVES (excluding Approximations and Errors).

8. INTEGRATION (up to EXERCISE 8.14).

### SECTION B

1. VECTORS.

2. 3-DIMENSIONAL GEOMETRY.

### SECTION C

1. APPLICATION OF CALCULUS AND COMMERCE IN ECONOMICS.

2. LINEAR REGRESSION.

**PRE-ISC (FULL SYLLABUS): (Following the scope of ISC Syllabus 2026)**

**Question Paper Pattern:**

**Section A (65 marks)**

Question 1) 15 questions of 1 mark = 15 x 1 = 15 marks.

Questions 2 to 6) 5 questions of 2 marks each = 5 x 2 = 10 marks

Questions 7 to 10) 4 questions of 4 marks each = 4 x 4 = 16 marks.

Questions 11 to 14) 4 questions of 6 marks each = 4 x 6 = 24 marks.

**Section B / Section C (15 marks)**

Question 15 / Question 19) 5 questions of 1 mark = 5 x 1 = 5 marks.

Question 16 / Question 20) 1 question of 2 marks = 1 x 2 = 2 marks

Questions 17 and 18 / Question 21 and 22) 2 questions of 4 marks each = 2 x 4

# PHYSICS

**Mid term :**

1)Electrostatics

2) Current Electricity

3)Magnetic Effects  of current & Magnetism

4)Electromagnetic Induction & Alternating currents

5)Electromagnetic Waves

6)Electronic Devices

**Pre ISC  exam  :**

1)Optics (Ray optics & wave optics )

2) Dual nature of radiations  & Matter (Including  photoelectric effects

3)Atoms

4) Nuclei (excluding Radioactivity)

***Mid term chapters are also included in Pre ISC  examination***

*Question Pattern : ISC question pattern to be strictly adhered*

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# CHEMISTRY

## FIRST TERM
1. SOLUTIONS
2. ELECTROCHEMISTRY
3. CHEMICAL KINETICS
4. HALOALKANES AND HALOARENES
5. ALCOHOLS, PHENOLS AND ETHERS

## FINAL TERM

1. ALDEHYDES, KERTONES AND CARBOXYLIC ACIDS
2. NITROGEN CONTAINING COMPOUNDS
3.  BIOMOLECULES
4.  Co-Ordination Compounds
5. d and f block

*PRE ISC  EXAM WILL BE ON FULL SYLLLABUS*

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# Biology

**MID TERM**

**UNIT 1: Reproduction.**
      (ii) Human Reproduction
      (iii) Reproductive health

**UNIT 2: Genetics and Evolution.**
      (i) Principles of Inheritance and Variation.

**UNIT 3: Biology and Human Welfare.**
      (i) Human Health and Diseases.

**UNIT 4: Biotechnology and its Application.**
      (i) Principles and processes.

**UNIT 5: Ecology and Environment.**
      (i) Organisms and populations.
      (ii) Ecosystem.


**FINAL TERM**

**UNIT 1.**
      (i) Sexual reproduction in flowering plants.

**UNIT 2.**
      (ii) Molecular basis of Inheritance
      (iii) Evolution

**UNIT 3.**

      (ii.) Microbes in Human Welfare.

**UNIT 4.**
      (ii.) Biotechnology and its applications.

**UNIT 5.**
      (iii.)    Biodiversity and its Conservation


**Note: Follow the scope of syllabus.**
      **(Revised ISC syllabus 2026)**

# COMPUTER SCIENCE

**Textbook: Computer Science with Java, By Sumita Arora, Dhanpat Rai & Co. Latest Edition**

**Paper I**: Theory - 70 Marks
**Paper II**: Practical -30 Marks

**Paper I: Theory**
**Mid Term**
Chapter 1: Boolean Algebra
Chapter 2: Computer Hardware
Chapter 3: Objects and Classes
Chapter 4: Java Revision Tour
Chapter 5: Primitive Values, Type Casting & Expressions
Chapter 6: Statements, Control Structures and Scope
Chapter 7: Functions/Methods
Chapter 8: Arrays and Strings
Chapter 9: Compiling and Running Java Programs
Chapter 10: Java Classes: An OOP Perspective
Chapter 11: Recursion
Chapter 12: Concept of Inheritance
Chapter 13: Simple Data Structures
**Final Term**
Chapter 14: Recursive Data Structure
Chapter 15: Computational Complexity
(Full ISC Syllabus)
**Question Paper Format**
As per ISC Question Pattern

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