

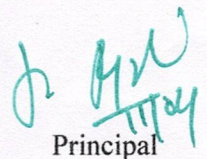
ENGLISH LANGUAGE SYLLABUS FOR CLASS XII 2026-27

HALF-YEARLY AND FINAL TERM EXAMINATION (APRIL TO DECEMBER)

- i) Composition
- ii) Article Writing, Book Review, Film Review, Review of a Cultural Programme, Speech Writing, Personal Profile and Statement of Purpose, Blog-writing.
- iii) Proposal writing
- iv) Grammar
- v) Comprehension

XII(A & C) S. Saksena

XII (B) R. Jackson


Principal

ENGLISH LITERATURE SYLLABUS FOR CLASS XII (2026-27)

HALF-YEARLY EXAMINATION (APRIL TO SEPTEMBER)

- i) Macbeth: *ACT III (Scene V,VI) & ACT IV (Scene I,II)*
- ii) Prose:
 - a-) *Atithi/Guest- Rabindranath Tagore*
 - b-) *The Cookie Lady-Philip K. Dick*
 - c-) *There will come soft rains*
- iii) Poetry:
 - a) *Telephone conversation- Wole Soyinka*
 - b) *Tithonus- Alfred, Lord Tennyson*
 - c) *Beethoven- Shane Koyczan*

FINAL TERM EXAMINATION (OCTOBER TO DECEMBER)

- i) Macbeth: *(ACT IV & ACT V)*
- ii) Prose:
 - a-) *Indigo- Satyajit Ray*
 - b-) *The Medicine Bag - Virginia Driving Hawk Sneve*
- iii) Poetry:
 - a) *Small Towns and River- Mamang Dai*
 - b) *Death be not Proud- John Donne*

(Including the Syllabus of Half-Yearly too)

XII(A & C) S. Saksena

XII (B) R. Jackson

A. Pr...
11/04/2026
Principal

MATHEMATICS SYLLABUS (2026 -2027)

CLASS 12

Half Yearly Examination

- Algebra
(Determinants , Matrices)
- Relations and Functions
(Relations , Functions , Inverse Trigonometric Functions)
- Calculus
(Continuity and Differentiability of Functions , Differentiation ,
Application of Derivatives , Maxima and Minima , Indefinite Integrals ,
Definite Integrals , Differential Equations , Area of a Curve)
- Vector Algebra

Pre-Board Examination

- 3-D Geometry
(Straight Line in Space , The Plane)
- Probability
(Laws of Probability , Baye's Theorem , Probability Distribution)
- Linear Programming

NOTE – Syllabus of Half Yearly Examination is also included .

By
16/04/2026

WEIGHTAGE OF MARKS (MATHEMATICS - CLASS 12)

Half Yearly Examination

Topics (80 Marks)	Weightage
Relations and Functions	13 Marks
Algebra	13 Marks
Calculus	47 Marks
Vector Algebra	7 Marks

Pre-Board Examination

Topics (80 Marks)	Weightage
Relations and Functions	10 Marks
Algebra	10 Marks
Calculus	35 Marks
Vector Algebra	5 Marks
3-D Geometry	6 Marks
Linear Programming	5 Marks
Probability	9 Marks

Byju's Syb
16/04/2026

PAPER PATTERN (MATHEMATICS – CLASS 12)

Time Allowed : 3 Hours

Maximum Marks : 80

- The question paper consists of 20 questions and four sections : A , B , C and D. All questions are compulsory.
- Section A comprises of very short answer questions of 1 mark each.
- Section B consists of short answer questions of 2 marks each.
- Section C consists of moderately long answer questions of 3 marks each.
- Section D consists of long answer questions of 5 marks each.
- Internal choices have been provided in three questions, each in Sections B,C and D

Section A – 20 Marks

Question 1

each [1]

In subparts (i) to (xvii) choose the correct options and in subparts (xviii) to (xx), answer the questions as instructed.

Section B – 14 Marks

Question 2 to Question 8

each [2]

Section C – 21 Marks

Question 9 to Question 15

each [3]

Section D – 25 Marks

Question 16 to Question 20

each [5]

Bongob Singh
16/04/2026

CHEMISTRY CLASS XII – SYLLABUS

1. Half – Yearly Examination

a. Physical Chemistry

- Solutions
- Chemical Kinetics

b. Inorganic Chemistry

- Co – ordination

c. Organic

- Halo – alkanes & Haloarenes
- Alcohol, Phenol, & Ether
- Aldehydes, ketones and Carboxylic Acid

2. Pre Board Examination I and II

Entire ISC Syllabus

Par

BIOLOGY SYLLABUS for CLASS XII (2026-27)

BOOK:Srijan Biology for I.S.C. schools - Veer Bala Rastogi (Srijan Publishers Vol.2)

FIRST TERM

- 1)Sexual Reproduction in Flowering Plants
 - 2)Human Reproduction
 - 3)Reproductive Health
 - 4)Microbes in Human Welfare
 - 5)Human Health and Diseases
 - 6)Principles of Inheritance and Variation
 - 7)Biotechnology-Principles and Processes
- (Note:List of Scientists and Abbreviations included-25 each)

SECOND TERM

- 8)Biotechnology and its applications
 - 9)Organisms and Populations
 - 10)Molecular Basis of Inheritance
 - 11)Biodiversity and its Conservation
 - 12)Ecosystems
 - 13)Evolution
- (Note:Complete list of Scientists and Abbreviations included)

Note:Entire First and Second terms to be included for the final examination.

Class 12 A (Biology group) -

for Manu
14/04/2026

Dr. Maneesha George
7/4/26

Dr.Maneesha George

ACADEMIC YEAR 2026-2027
COMPUTER SCIENCE
CLASS XII
SYLLABUS
HALF YEARLY EXAMINATIONS

1. Programming in Java (Review of Class XI full programming section)
2. Boolean Algebra
 - (a) Propositional logic, well-formed formulae, truth values and interpretation of well-formed formulae. Equivalence laws and their use in simplifying wffs.
 - (b) Binary valued quantities; basic postulates of Boolean Algebra; Operations AND, OR, and NOT; truth tables
 - (c) Basic theorems of Boolean algebra (e.g. duality, idempotence, commutativity, associativity, distributivity, operations with 0 and 1, complements, absorption, involution); De Morgan's theorem and its applications; reducing Boolean Expressions to sum of products and product of sums forms; Karnaugh's map (upto four variables).
- Computer Hardware
 - (a) Elementary logic gates(NOT, AND, OR, NAND, NOR, XOR, XNOR) and their uses in circuit designing.
 - (b) Application of Boolean Algebra and logic gates to half adders, full adders, encoders, decoders, multiplexers. NAND and NOR as Universal gates.
1. Data Structures
 - (a) Basic data structures (stack, queue, circular queue, dequeue); implementation directly through classes; definition through an interface and multiple implementations by implementing interface. Conversion of infix to prefix and postfix notations.
 - (b) Singly linked list(Algorithm and programming), binary trees and tree traversal (conceptual).

PREBOARD EXAMINATIONS

1. HALF YEARLY EXAMINATIONS full syllabus
2. Inheritance, interfaces and Polymorphism
 - (a) Inheritance; super and derived classes; member access in derived classes; redefinition of variables and methods in sub classes; abstract classes; class object; protected visibility. Subclass polymorphism and dynamic binding.
 - (b) Interfaces in java; implementing interfaces through a class; interfaces for user defined implementation of behaviour.
3. Complexity and Big O notation
Concrete computational complexity, concept of input size; estimating complexity in terms of methods; importance of dominant term; constants, best, average and worst case.

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Abhishek Sinha
2/2/26

J. Pr
08/04/2026

PHYSICAL EDUCATION (2026-27)
CLASS - XII
Ist Term Exam (Half Yearly Exam)

Section- A

Chapter 1 – Sociological Aspects of Physical Education

Chapter 2 – Training Methods

Chapter 3 – Career Aspects in Physical Education

Section- B

1. Badminton

2. Cricket

3. Football

4. Basketball

Pre Board Exam- I/II

Section- A

Chapter 1 - Sociological Aspects of Physical Education

Chapter 2 - Training Methods

Chapter 3 – Career Aspects in Physical Education

Chapter 4 – Competitions and Tournaments

Chapter 5 – Health Education and Health Problems

Chapter 6 – Sports Injuries and First Aid

Section- B

1. Badminton

3. Football

2. Cricket

4. Basketball

J. N. N.
11/04/2026

Class XII
Syllabus 2026-27
Commerce

Half Yearly Examination

(MM: 80)	Weightage
1. Business Environment	05
2. Capital-Fixed & Capital	05
3. Sources of finance for a joint stock company	10
4. Banking Latest Trends	05
5. Management-meaning, nature & importance	10
6. Principles of management	
7. Planning	05
8. Organising	05
9. Staffing	05
10. Directing	05
11. Controlling	05

Pre-board examination

1. Marketing- concept & functions.	05
2. Marketing Mix	05
3. Consumer protection	05
4. Co-ordination	05

Note: Syllabus of half yearly exam) is also included. Above weightage is only for Pre-board examination.

L. William
8/4/26

L. William

d pe
28/04/26

Class XII
Syllabus 2026-27
Accountancy

(MM: 80)

Weightage

Half Yearly Examination

1. Accounting for partnership firm fundamentals	11	15
2. Goodwill: concept and evaluation		
3. Admission of a partner		
4. Retirement of a partner		
5. Death of a partner		
6. Dissolution of partnership firm	08	
1. Issue of shares	11	
2. Issue of debentures	08	
3. Redemption of debentures		
4. Financial statement of companies	07	

Pre-Board Examination

1. Ratio analysis		08
2. Comparative statements	04	
3. Common size statements		
4. Cash flow statements		08

Note: Syllabus of Half Yearly exam) is also included. Above weightage is only for Annual examination.

L. William

L. William
8/4/26

J. K.
08/04/26

Term – wise Syllabus for Economics (2026-27)

Class – XII

Term I

- 1) Demand and Law of Demand
- 2) Theory of consumer Behaviour
- 3) Elasticity of demand
- 4) Supply and Law of supply
- 5) Market Mechanism
- 6) Laws of Returns
- 7) Cost and Revenue Analysis
- 8) Forms of market
- 9) Producer's equilibrium
- 10) Determinants of price and output under perfect competition
- 11) Theory of Income and Employment
- 12) Money

Pre - boards

- 13) Banks
- 14) Balance of payments and exchange-rate
- 15) Fiscal policy
- 16) Government Budget
- 17) National income and circular flow of income
- 18) National Income aggregates
- 19) Methods of measuring national income

J. M. S.
09/04/2026

M. K. S.
07/04/26

SYLLABUS OF PHYSICS
SESSION 2026-27
CLASS XII
UNIT NAME

EXAMINATION

HALF YEARLY

ELECTRIC CHARGE AND FIELDS.
GAUSS THEOREM.
ELECTRIC POTENTIAL.
CAPACITOR AND DIELECTRICS.
ELECTRIC RESISTANCE AND OHMS' LAW
DC CIRCUITS AND MEASUREMENTS
MOVING CHARGE AND MAGNETIC FIELD
TORQUE ON A CURRENT CARRYING LOOP: MOVING COIL
GALVANOMETER
MAGNETIC FIELD AND EARTH'S MAGNETISM.
ELECTROMAGNETIC INDUCTION AND ALTERNATING
CURRENT.

1ST PREBOARD

ELECTRIC CHARGE AND FIELDS.
GAUSS THEOREM.
ELECTRIC POTENTIAL.
CAPACITOR AND DIELECTRICS.
ELECTRIC RESISTANCE AND OHMS' LAW
DC CIRCUITS AND MEASUREMENTS
MOVING CHARGE AND MAGNETIC FIELD
TORQUE ON A CURRENT CARRYING LOOP: MOVING COIL
GALVANOMETER
MAGNETIC FIELD AND EARTH'S MAGNETISM.
ELECTROMAGNETIC INDUCTION AND ALTERNATING
CURRENT.
ELECTROMAGNETIC WAVES
RAY OPTICS
WAVE OPTICS
DUAL NATURE OF MATTER AND RADIATION
ATOM ORIGIN OF SPECTRA
STRUCTURE OF NUCLEUS
NUCLEAR ENERGY
SEMICONDUCTOR ELECTRONICS

***NOTE**

THE SYLLABUS FOR ALL THE FURTHER PREBOARDS WILL
REMAINS THE SAME AS FOR THE 1ST PREBOARD

J. Pri
22/04/2026