

SYLLABUS OF THE SESSION 2025 -26

CLASS : X

SUBJECT : HINDI

SECTION 'A' LANGUAGE [ 40 MARKS]

1. प्रस्ताव लेखन – वर्णनात्मक, विचारात्मक, कथात्मक, तर्कात्मक, उपदेशात्मक एवं अनुभवात्मक विषयों पर प्रस्ताव लेखन ।  
कहानी लेखन – लोकोक्ति एवं मुहावरों पर आधारित कहानी लेखन/ दिए गए वाक्य से आरंभ या अन्त करते हुए विचारों की अभिव्यक्ति।  
चित्र अध्ययन – दिए गए चित्र के आधार पर लेख, घटना या विचारों की अभिव्यक्ति।
2. पत्र लेखन – औपचारिक एवं अनौपचारिक पत्र लेखन।
3. अपठित गद्यांश – अर्थ भाव ग्रहण ..... प्रश्नोत्तर ।
4. व्यावहारिक व्याकरण - शब्द विवेक-- विलोम , पर्यायवाची , विशेषण , भाववाचक संज्ञा , वाक्यांश , तत्सम -तद्भव शब्द युग्म का अर्थ भेद ,वर्तनी शोधन, वाक्य शोधन ,मुहावरों के अर्थ, वाक्य विचार (अर्थ रचना ,काल ,सर्वनाम ,कारक ,वाक्य पद के आधार पर निर्देशानुसार वाक्य रूपांतर ।)

SECTION 'B' LITERATURE [40 MARKS]

QUARTERLY EXAMINATION (FIRST TERM)

80 marks

1. भेड़ और भेड़िए -- हरिशंकर परसाई
2. विनय के पद - कवि तुलसीदास
3. भेड़ और भेड़िए - भेड़ में लगे हुए हरिशंकर परसाई जीला धर शर्मा 'पर्वतीय'
4. साखी - आदमी कबीर दास
5. बात अठनी की - सुदर्शन
6. गिरिधर की कुंडलिया - गिरिधर कविराय

HALF YEARLY EXAMINATION ( SECOND TERM)

80 marks

1. दो कलाकार -- मन्मू भंडारी
2. भिक्षुक -- सूर्यकांत त्रिपाठी निराला
3. चलना हमारा काम है -- शिवमंगल सिंहसुमन
4. नेताजी का चश्मा -- स्वयंप्रकाश
5. बड़े घर की बेटी -- प्रेमचंद
6. वह जन्मभूमि मेरी -- सोहनलाल द्विवेदी

\* [First term syllabus will be included in second term exam ]\*

PRE BOARD EXAM

80 marks

1. संदेह -- जयशंकर प्रसाद
2. मातृ मंदिर की ओर -- सुभद्रा कुमारी चौहान

\*[ Entire class IX & X syllabus will be included in the pre board exam ]\*

Class 10A Alice Dargal

Class 10B Seema Kum

Class 10C Anu

Class 10D Seema

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**Syllabus - Chemistry**  
**Class-IX**  
**2025-26.**

**1<sup>st</sup> TERM**

1. Language of Chemistry
2. Study of Gas Law
3. Atomic Structure and Chemical Bonding
4. The Periodic Table

**HALF YEARLY**

1. Chemical Changes & Reactions
2. Water
3. Language of Chemistry
4. Study of Gas Laws
5. Atomic Structure and Chemical Bonding
6. The Periodic Table

**FINAL EXAMINATION**

1. Study of First Element – Hydrogen
2. Atmospheric Pollution
3. Practical Chemistry

- Including all 1<sup>st</sup> Term & Half Yearly examination Syllabus

**Syllabus - Chemistry**  
**Class-X**

**2025-26.**

**QUARTERLY EXAM**

- 1.** Periodic properties and variations of properties
- 2.** Chemical bonding.
- 3.** Mole concept and stoichiometry
- 4.** Study of acid, bases and salts
- 5.** Analytical chemistry
- 6.** Hydrogen chloride

**HALF YEARLY EXAM**

- 1.** Electrolysis
- 2.** Nitric acid
- 3.** Sulphuric acid
- 4.** Metallurgy
- 5.** Organic chemistry
- 6.** Ammonia
- 7.** Practical Chemistry
- 8.** All above chapters

**Syllabus - Chemistry**

**Class-XI**

**2025-26.**

**1<sup>st</sup> TERM:**

1. Redox Reaction
2. Some basic concepts of chemistry
3. Classification of elements and Periodicity in Properties
4. IUPAC (aliphatic hydrocarbons)
5. Structure of atom

**2<sup>nd</sup> TERM:**

1. Organic Chemistry
2. Hydrocarbons and including 1<sup>st</sup> Term syllabus

**FINAL EXAMINATION:**

1. Equilibrium
2. Chemical Bonding and molecular structure and including 1<sup>st</sup> term and 2<sup>nd</sup> term syllabus
3. Thermodynamics

# **SYLLABUS 2025 - 2026**

## **CLASS – X**

## **BIOLOGY**

### **TERM– I**

1. Structure of Chromosomes, Cell Cycle and Cell Division
2. Genetics – Some Basic Fundamentals
3. Absorption by Roots – The Processes Involved
4. Transpiration
5. Pollution – A Rising Environmental Problem

### **TERM– II**

1. Photosynthesis
2. The Excretory System
3. The Nervous system
4. Sense Organs
5. The Reproductive System
6. Population – The Increasing Numbers and Rising Problems

**Note: Chapters of Term-I will also be Included.**

### **TERM– III**

1. Chemical Coordination in Plants
2. The Circulatory System
3. The Endocrine System
4. Human Evolution

**Note: Whole Syllabus (Term-I, Term-II and Term-III) will be Included.**

**10 A –**

**10 B –**

**10 C –**

**10 D –**

**CLASS X**  
**PHYSICS SYLLABUS**  
**SESSION 2025-26**

**TERM I:**

- Chapter 1: Force
- Chapter 2: Work, Energy and Power
- Chapter 3: Machines
- Chapter 4: Refraction of Light at Plane Surfaces
- Chapter 5: Refraction through a Lens
- Chapter 6: Spectrum
- Chapter 7: Sound

**TERM II:**

- Chapter 1: Force
- Chapter 2: Work, Energy and Power
- Chapter 3: Machines
- Chapter 4: Refraction of Light at Plane Surfaces
- Chapter 5: Refraction through a Lens
- Chapter 6: Spectrum
- Chapter 7: Sound
- Chapter 8: Current Electricity
- Chapter 9: Household Circuits
- Chapter 10: Electro- magnetism
- Chapter 11: Calorimetry

**PRE-BOARDS:**

- Whole Syllabus as per Boards

**ST FRANCIS' COLLEGE**  
**COMPUTER APPLICATION**  
**CLASS 10 SYLLABUS 2025-2026**

**FIRST TERM**

**1. Revision of Class IX Syllabus**

(i) Introduction to Object Oriented Programming concepts, (ii) Elementary Concept of Objects and Classes, (iii) Values and Data types, (iv) Operators in Java, (v) Input in Java, (vi) Mathematical Library Methods, (vii) Conditional constructs in Java, (viii) Iterative constructs in Java, (ix) Nested for loops.

**2. Class as the Basis of all Computation**

**Objects and Classes**

Objects encapsulate state and behaviour – numerous examples; member variables; attributes or features. Variables define state; member methods; Operations/methods/messages/ methods define behaviour.

Classes as abstractions for sets of objects; class as an object factory; primitive data types, composite data types. Variable declarations for both types; difference between the two types. Objects as instances of a class.

Consider real life examples for explaining the concept of class and object.

**3. User - defined Methods**

Need of methods, syntax of methods, forms of methods, method definition, method calling, method overloading, declaration of methods,

Ways to define a method, ways to invoke the methods – call by value [with programs] and call by reference [only definition with an example], Object creation - invoking the methods with respect to use of multiple methods with different names to implement modular programming, using data members and member methods, Actual parameters and formal parameters, Declaration of methods - static and non-static, method prototype / signature, - Pure and impure methods,- pass by value [with programs] and pass by reference [only definition with an example], Returning values from the methods , use of multiple methods and more than one method with the same name (polymorphism - method overloading).

**4. Constructors**

Definition of Constructor, characteristics, types of constructors, use of constructors, constructor overloading.

Default constructor, parameterized constructor, constructor overloading., Difference between constructor and method.

**5. Library classes**

Introduction to wrapper classes, methods of wrapper class and their usage with respect to numeric and character data types. Autoboxing and Unboxing in wrapper classes.

Class as a composite type, distinction between primitive data type and composite data type or class types. Class may be considered as a new data type created by the user, that has its own functionality. The distinction between primitive and composite types should be discussed through examples. Show how classes allow user defined types in programs. All primitive types have

corresponding class wrappers. Introduce Autoboxing and Unboxing with their definition and simple examples.

The following methods are to be covered:

int parseInt(String s), long parseLong(String s), float parseFloat(String s),  
double parseDouble(String s), boolean isDigit(char ch), boolean isLetter(char  
ch), boolean isLetterOrDigit(char ch), boolean isLowerCase(char ch), boolean  
isUpperCase(char ch), boolean isWhitespace(char ch), char toLowerCase  
(char ch), char toUpperCase(char ch)

## **HALF YEARLY**

### **[Complete syllabus of first term is included]**

#### **6. Encapsulation**

Access specifiers and its scope and visibility.

Access specifiers – private, protected and public. Visibility rules for private, protected and public access specifiers. Scope of variables, class variables, instance variables, argument variables, local variables.

#### **7. Arrays**

Definition of an array, types of arrays, declaration, initialization and accepting data of single and double dimensional arrays, accessing the elements of single dimensional and double dimensional arrays.

Arrays and their uses, sorting techniques - selection sort and bubble sort; Search techniques – linear search and binary search, Array as a composite type, length statement to find the size of the array (sorting and searching techniques using single dimensional array only).

Declaration, initialization, accepting data in a double dimensional array, sum of the elements in row, column and diagonal elements [ right and left], display the elements of two-dimensional array in a matrix format.

#### **8. String handling**

String class, methods of String class, implementation of String class methods, String array

The following String class methods are to be covered:

String trim (), String toLowerCase() String toUpperCase() int length( ), char charAt (int n), int indexOf(char ch),  
int lastIndexOf(char ch), String concat(String str) boolean equals (String str), boolean equalsIgnoreCase(String  
str), int compareTo(String str), int compareToIgnoreCase(String str), String replace (char oldChar,char  
newChar), String substring (int beginIndex), String substring (int beginIndex, int endIndex), boolean  
startsWith(String str), boolean endsWith(String str) String valueOf(all types)

Programs based on the above methods, extracting and modifying characters of a string, alphabetical order of the strings in an array [Bubble and Selection sort techniques], searching for a string using linear search technique.

## **FINAL TERM / PRE BOARD**

### **[Complete syllabus of first term and half yearly is included]**

**10 – A**

**10 – B**

**10 – C**

**10 – D**

# ENGLISH LANGUAGE SYLLABUS

CLASS: X

2025-26

## TERM I (APRIL -JULY)

**Q1.** Composition Writing (300-350 words) on any **one** topic

- (i) Descriptive
- (ii) Narrative
- (iii) Original Story Writing
- (iv) Argumentative
- (v) Picture Composition

**Q2.** Letter Writing

(Select any one of the following)

- (i) Informal
- (ii) Formal

**Q3.** (a) Notice Writing

(b) Email writing

**Q4.** Comprehension Passage

(i) Vocabulary (For each word given below choose the correct meaning as used in the passage, from the options provided)

(ii) Answer the following questions briefly.

(iii) Precis Writing (In not more than 50 words answer the question)

**Q5.** Functional Grammar, Structure and Use of Language

(i) Fill in each of the numbered blanks with the correct form of the word given in the brackets. Do not copy the passage but write in correct serial order the word or phrase appropriate to the blank space.

(ii) Fill in the blanks with the appropriate words.

(iii) Choose the correct option to make one complete sentence **without using and, but or so.**

(iv) Choose the correct option and rewrite the sentence according to the instruction given after each.

**TERM II (AUGUST- OCTOBER)**

**Same pattern will be followed as Term I**

**TERM III (NOVEMBER 2025-February 2026 )**

**Same pattern will be followed as Term I**

NOTE-Practice Papers 1-15 will be done from Term I to Term III.

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**Teachers' Signature**

**Principal's Signature**

**Class IX A**

**Class IX B**

**Class IX C**

**Class IX D**

# **ENGLISH LITERATURE SYLLABUS**

## **CLASS -X**

**2025-26**

### **First Term (April- July 2025)**

#### **DRAMA: Julius Caesar**

Act III, Scenes 1,2 & 3

#### **PROSE: A Collection of Short Stories and Poems**

1.With the Photographer: Stephen Leacock

2.The Elevator: William Sleator

#### **POETRY**

1.Haunted Houses: H.W. Longfellow

2.The Glove and the Lions: Leigh Hunt

### **SECOND TERM (August- October 2025)**

#### **DRAMA: JULIUS CAESAR**

Act IV

#### **PROSE: A Collection of Short Stories and Poems**

1.A Girl Who Can: Ama Ata Aidoo

2.The Pedestrian: Ray Bradbury

#### **POETRY**

1.When Great Trees Fall

1.A Considerable Speck: Robert Frost

### **THIRD TERM (November & December 2025)**

#### **DRAMA: JULIUS CAESAR**

Act V

#### **PROSE**

1.The Last Lesson: Alphonse Dauder

#### **POETRY**

## 1.The Power of Music :Sukumar Ray

Note -The Syllabus of the First Term will be included in the Second term.

The entire Syllabus will be covered for the Pre- Board Examination.

**Teacher's Signature**

**Principal's Signature**

**Class X-A**

**Class X-B**

**Class X-C**

**Class X-D**

# SYLLABUS FOR THE YEAR 2025 - 26

## GEOGRAPHY

CLASS - X

### FIRST TERM EXAMINATION

1. Chapter 7: Climate
2. Chapter 8: Soil Resources
3. Chapter 9: Natural Vegetation
4. Chapter 10: Water Resources
5. Chapter 20: Transport
6. Chapter 21: Waste Management-I
7. Chapter 22: Waste Management-II

### MAP WORK OF INDIA

(According to the Syllabus)

1. Rivers
2. Water Bodies
3. Direction of Winds
4. Latitude and Longitude
5. Desert.: (Thar)
6. Passes: Karakoram, Nathu -la
7. Population: Sparse and Dense
8. Soils

### SURVEY MAP

1. 4 and 6 figure grid reference.
2. Colours and its significance
3. Types of Drainage and Settlement Pattern.
4. Man-made and Natural features

Quarterly Examination (Weightage of marks chapterwise)

1. Trigonometric identities and tables (20)
2. Heights and distances (10)
3. Reflection (10)
4. Coordinate geometry (20)
5. Goods and service tax (G.S.T.) (10)
6. Banking (10)
7. Linear inequation in one variable (10)
8. Matrices (10)

Half Yearly Examination (Weightage of marks chapterwise)

1. Quadratic equations (10)
2. Ratio and proportion (10)
3. Factor theorem (10)
4. Arithmetic and geometric progression (10)
5. Similar triangles (10)
6. Loci (10)
7. Circles (20)
8. Three-dimensional solids (10)
9. Shares and dividends (10)

Pre-Board Examination (Weightage of marks as per the Council Paper)

1. Arithmetic mean, median, mode and quartiles
2. Histogram and Ogive
3. Probability
4. Quarterly and Half Yearly exam syllabus

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## CLASS 9

### QUARTERLY EXAMS

- 1) Trigonometrical Ratio
- 2) Coordinates and solution of simultaneous linear equations graphically and distance formula
- 3) Compound interest
- 4) Rational and irrational numbers
- 5) Expansions
- 6) Factorization
- 7) Simultaneous linear equations in two variables

### HALF YEARLY EXAMS

- 1) Triangles
- 2) Midpoint and intercept theorem
- 3) Pythagoras Theorem
- 4) Indices
- 5) Logarithms
- 6) Circle
- 7) Rectilinear figures
- 8) All chapters of quarterly exams to be included

### FINAL EXAMS

- 1) Area theorems
- 2) Area of plane figures
- 3) Circumference and area of a circle
- 4) Surface area and volume of 3D solids
- 5) Introduction, Data and frequency polygon
- 6) Mean, median and frequency polygons
- 7) All chapters of quarterly and half yearly exams to be included

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9B *JA*

9C *Peyvan*

9D *JA*

*J. Phil*  
*05/04/2025*

*JA*  
*17/04/25*

## Quarterly Examination (Weightage of marks chapterwise)

|                                      |      |
|--------------------------------------|------|
| 1 Sets                               | (8)  |
| 2 Operations on Sets                 | (8)  |
| 3. Venn Diagrams.                    | (8)  |
| 4. Number System                     | (8)  |
| 5. Factors and multiples.            | (8)  |
| 6. Simple Interest.                  | (10) |
| 7. Time and Work                     | (12) |
| 8.-Speed Time and Distance           | (8)  |
| 9. Algebraic Expressions             | (8)  |
| 10. Formulae                         | (8)  |
| 11. Fundamental Concepts of Geometry | (6)  |
| 12. Triangles                        | (8)  |

## Half Yearly Examination (Weightage of marks chapterwise)

|                        |      |
|------------------------|------|
| 1. Fractions           | (8)  |
| 2 Decimal Numbers.     | (6)  |
| 3. Real Numbers        | (8)  |
| 4 Compound Interest.   | (8)  |
| 5. Percentage          | (8)  |
| 6. Profit and Loss     | (12) |
| 7. Exponents.          | (8)  |
| 8 Special Products and |      |

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**PHYSICS**  
**SYLLABUS MARKSWISE**  
**SESSION-2025-26**

**QUARTERLY EXAMINATION**

| Sr.No | Topic                               | Total Weightage of marks |
|-------|-------------------------------------|--------------------------|
| 1     | Matter                              | 33 marks                 |
| 2     | Physical Quantities and measurement | 33 marks                 |
| 3     | Force and Pressure                  | 34 marks                 |

**HALFYEARLY EXAMINATION:**

| Sr.No | Topic             | Total Weightage of marks |
|-------|-------------------|--------------------------|
| 1     | Force & Pressure. | 25 marks                 |
| 2     | Energy.           | 25 marks                 |
| 3     | Light Energy.     | 25 marks                 |
| 4     | Heat Transfer     | 25 marks                 |

**FINAL EXAMINATION:**

| Sr.No | Topic         | Total Weightage of marks |
|-------|---------------|--------------------------|
| 1     | Energy.       | 20 marks                 |
| 2     | Light Energy  | 20 marks                 |
| 3     | Heat Transfer | 20 marks                 |
| 4     | Sound         | 20 marks                 |
| 5     | Electricity   | 20 marks                 |

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CLASS-7

MATHS

SYLLABUS MARKSWISE

SESSION-2025-26

QUARTERLY EXAMINATION

Total Weightage of marks

Topic

- 1.SETS. (8)
- 2.OPERATIONS ON SETS. (8)
- 3.VENN DIAGRAMS. (8)
- 4.NUMBER SYSTEMS. (8)
- 5.BASIC OPERATIONS ON  
WHOLE NUMBERS. (8)
- 6.FACTORS AND MULTIPLES. (8)
- 7.H.C.F. AND LCM OF NUMBERS (8)
- 8.RATIO AND PROPORTION. (8)
- 9.FUNDAMENTAL OPERATIONS  
IN ALGEBRA. (8)
- 10.FORMULA. (8)
- 11.LINES AND ANGLES. (10)

HALFYEARLY EXAMINATION:

Topic

Total Weightage of marks

- 1.INTEGER. (8)
- 2.FRACTIONS. (8)
- 3.DECIMALS. (8)
- 4.POWERS AND ROOTS. (8)

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5. UNITARY METHOD. (8)
6. PERCENTAGE. .. (8)
7. PROFIT AND LOSS. (8)
8. AVERAGE. (8)
9. EXPONENTS. (8)
10. PRODUCTS AND IDENTITIES. (8)
11. CONSTRUCTION OF  
TRIANGLES (10)
12. TRIANGLES. (10)
13. CONGRUENT TRIANGLES. (10)

#### FINAL EXAMINATION:

Topic

Total Weightage of marks

1. SIMPLE INTEREST. (8)
2. DISTANCE, TIME AND SPEED. (8)
3. FACTORISATION. (8)
4. LINEAR EQUATIONS. (8)
5. LINEAR INEQUATIONS. (8)
6. POLYGONS. (8)
7. CONSTRUCTION OF SOME POLYGONS. (8)
8. CIRCLES. (8)
9. PERIMETER AND AREA. (8)
10. VOLUME AND SURFACE AREA OF SOLIDS. (8)
11. STATISTICS. (10)
12. GRAPHICAL REPRESENTATION OF DATA. (10)

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**SYLLABUS FOR THE YEAR 2025-2026**  
**HISTORY AND CIVICS**  
**CLASS-X**

**TERM - I**  
**April-July**

**History:**

1. The First War of Independence
2. Growth of Nationalism
3. First Phase of Indian National Movement
4. Second Phase of Indian National Movement
5. The Muslim League
6. Mahatma Gandhi and National Movement

**Civics:**

1. The Union Parliament
2. The President and the Vice-President

**TERM – II**  
**HALF YEARLY EXAMINATION**  
**August-October**

**History:**

7. Quit India Movement
8. Forward bloc and the INA
9. Independence and the Partition of India
10. The First World War
11. Rise of Dictatorship
12. The Second World War

**Civics:**

3. Prime Minister and Council of Ministers
4. The Supreme Court

Syllabus to be covered up after Half-Yearly Examination

**History:**

13. The United Nations
14. Major Agencies of United Nations
15. Non-Aligned Movement

**Civics:**

5. The High Court and sub-ordinate courts

**TEACHER'S SIGNATURE:**

**CLASS X-A:**

**CLASS X-B:**

**CLASS X-C:**

**CLASS X-D:**