

**(SYLLABUS CLASS VII : 25 MARKS 2024-25)**

**(HINDI)**

संज्ञा  
लिंग बदलो  
वचन बदलो  
विलोम शब्द  
पर्यायवाची शब्द  
श्रुतिसमभिन्नार्थक शब्द  
मुहावरे  
विराम चिह्न  
पत्र  
अनुच्छेद

**SUBJECT: English**

Unseen Passage  
Letter Writing (formal and informal)  
Notice Writing  
Picture Composition

**GRAMMAR**

Verb  
Adverb  
Degrees of Adjectives  
Conjunctions  
Subject Verb Agreement  
Tenses  
Active Passive Voice  
Reported Speech

**Science**

Chapter –Light and shadows  
Chapter – Motion and Measurement chapter 10  
Chapter – Body movements  
Chapter Air around us  
Chapter –Fun with magnets  
Chapter – Separation of substances

**MATHS**

1. Integers
2. Fractions
3. Decimals
4. Mensuration
5. Ratio and Proportion

(SYLLABUS ENTRANCE TEST)

Syllabus (Eng)

Class 8<sup>th</sup> Entrance

ENGLISH

MARKS:25

1.Unseen Passage

2. Diary Entry

3. Letters

4.Paragraphs

5. Articles

**Integrated Grammar**

1. Nouns

2.Pronouns

3. Reported Speech

4.Modals

5.Subject Verb Agreement

6.verbs

7.adverbs

8.Prepositions

9.Determiners

10.Conjunctives

11.Interjections

12.Active Passive voice

13.Phrases and clauses

**SYLLABUS**

**CLASS-VIII**

**SUBJECT-SCIENCE**

**MARKS:25**

1) Chap-2

Nutrition in animals

2) Chap-4

Acid , bases and salts

3) Chap-5

Physical and chemical changes

4) Chap-8

Reproduction in plants

5) Chap-10

Electric current and its effects

6) Chap-11

Light

प्रवेश परीक्षा पाठ्यक्रम

कक्षा आठवीं

विषय हिंदी

**MARKS:25**

- वर्ण विच्छेद
- क्रिया
- क्रिया विशेषण
- उपसर्ग
- प्रत्यय
- कारक
- मुहावरे
- सन्धि
- अनुच्छेद लेखन
- पत्र लेखन

**SYLLABUS CLASS VIII**

**SUB- MATHS**

**MARKS:25**

1.Integers

2.Fractions and Decimals

3.Rational Numbers

4.Perimeter and Area

5.The Triangle and its Properties

6. Algebraic Expressions

(SYLLABUS ENTRANCE EXAM)

**SYLLABUS**

**CLASS 9th ENGLISH**

**Marks : 25**

**1 Reading Section**

Comprehension Passage

**2 Writing Skills**

Diary Entry

Story Writing

Paragraph Writing

Letter Writing

**3 Grammar Section**

Tenses

Sentence and its types

Modal

Active and Passive Voice

Indirect Speech

Preposition

Conjunctions

**SCIENCE (CI – IX)**

**Marks : 25**

Ch 1 Crop production and Management

Ch 2 Microorganisms- Friend or Foe

Ch 4 Combustion and flame

Ch 6 Reproduction

Ch 8 Force and Pressure

Ch 10 Sound

Ch 11 Chemical effects of Electric Current

Ch 13 Light

**कक्षा – नौवीं (हिंदी )**

**Marks : 25**

क्रिया विशेषण

उपसर्ग

प्रत्यय

कारक

विलोम शब्द

विराम चिह्न

लिंग बदलो

वचन बदलो

अनेक शब्दों के लिए एक शब्द

मुहावरे

अनुच्छेद लेखन

पत्र लेखन

**MATHS (CI – IX)**

**Marks : 25**

**1.LINEAR EQUATION IN ONE VARIABLE**

**2.SQUARE AND SQUARE ROOTS**

**3.CUBE AND CUBE ROOTS**

**4.ALGEBRAIC EXPRESSIONS**

**5.MENSURATION**

**6.FACTORISATION**

(SYLLABUS ENTRANCE TEST MARKS:25 2024 – 25)

**Class X HINDI**

**शब्द –पद**

- अनुस्वार-अनुनासिक
- उपसर्ग-प्रत्यय
- संधि
- विराम-चिह्न
- अर्थ के आधार पर वाक्य भेद
- पत्र लेखन
- अनुच्छेद लेखन

**Class X MATHS**

- SYLLABUS
- 1.CH -NUMBER SYSTEM
- 2. CH-POLYNOMIALS
- 3. LINEAR EQUATIONS IN TWO VARIABLE
- 4. QUADRILATERALS
- 5. SURFACE AREAS AND VOLUMES

**Class X SCIENCE**

1. Chapter 1 : Matter in our surroundings
2. Chapter 3 : Atoms and molecules
3. Chapter 4 : Structure of atom
4. Chapter 5 : The fundamental unit of life
5. Chapter 6 : Tissues
6. Chapter 7 : Motion
7. Chapter 8 : Forces and laws of motion
8. Chapter 10: Work, Energy and power
9. Chapter 11: Sound

**Class X English**

- ❖ Comprehension Passages
- ❖ Diary Entry
- ❖ Tenses
- ❖ Determiners
- ❖ Prepositions
- ❖ Descriptive Paragraph
- ❖ Article Writing
- ❖ Direct and Indirect Speech
- ❖ Editing ( Errors and Omissions)
- ❖ Cloze Gap Filling
- ❖ Subject Verb Concord
- ❖ Application based grammar
- ❖ Story writing

## (SYLLABUS ENTRANCE EXAM CLASS XI 2024-25)

### Science

10. Chapter 1 : Chemical equation and reaction
11. Chapter 2 : Acid. Bases and Salts
12. Chapter 4 : Carbon and its compound
13. Chapter 5 : Life Process
14. Chapter 6 : Control and Coordination
15. Chapter 7 : How do living organisms reproduce?
16. Chapter 9 : Light - Reflection and Refraction
17. Chapter 10: Human eye and colourful world
18. Chapter 11: Current and Electricity
19. Chapter 12: Magnetic effect of electric current

विषय- हिंदी

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|------------------------------|-------------|
| 1) पदबंध                     | 5) अनुच्छेद |
| 2) रचना के आधार पर वाक्य भेद | 6) सूचना    |
| 3) मुहावरे                   | 7) विज्ञापन |
| 4) समास व उसके भेद           |             |

### MATHS

1. QUADRATIC EQUATIONS
2. ARITHMETIC PROGRESSION
3. CO-ORDINATE GEOMETRY
4. TRIGONOMETRY
5. APPLICATIONS OF TRIGONOMETRY
6. CIRCLES
7. SURFACE AREAS AND VOLUMES
8. STATISTICS

### SST

#### HISTORY

1. Nationalism in Europe
2. Nationalism in India

#### CIVICS

1. Power sharing
2. Federalism
3. Gender, Religion and Caste
4. Political parties.

#### GEOGRAPHY

1. Resources and Development.
2. Agriculture.
3. Manufacturing industries.
4. Minerals and power Resources.

#### ECONOMICS.

1. Development.
2. Sectors of Indian Economy.
3. Money and Credit.
4. Globalisation.

### ENGLISH

1. Reading Comprehension
2. Formal Letter writing
3. Article writing
4. Integrated grammar exercises:
  - a) Determiners
  - b) Tenses
  - c) Modals
  - d) Subject – verb concord
  - e) Reported speech
    - i) *Commands and requests*
    - ii) *Statements*
    - iii) *Questions*

## (SYLLABUS ENTRANCE EXAM CLASS XII 25 Marks 2024-25)

### **SUBJECT: PHYSICS**

SL.NO	UNITS/CHAPTER
1	Laws of Motion Chapter–5: Laws of Motion
2	Work, Energy and Power Chapter–6: Work, Energy and Power
3	Gravitation Chapter–8: Gravitation
4	Properties of Bulk Matter Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids Chapter–11: Thermal Properties of Matter
5	Thermodynamics Chapter–12: Thermodynamics
6	Behavior of Perfect Gases and Kinetic Theory of Gases Chapter–13: Kinetic Theory
7	Oscillations and Waves Chapter–14: Oscillations Chapter–15: Waves

### **ENGLISH**

**Reading - Comprehension, Case Based Comprehension**

**Writing - Advertisement, Poster, Speech, Debate**

**Grammar Sentence Re-ordering, Cloze Gap filling**

### **POLITICAL SCIENCE**

1. Making of Indian Constitution.
2. Election and Representation
3. Executive
4. Legislature
5. Judiciary
6. Indian Federation and Its Working
7. Local Government

### **CHEMISTRY**

1. Some Basic concepts of chemistry
2. Structure of atom
3. Classification of elements and periodicity in properties
4. Chemical bonding and molecular structure
5. Chemical thermodynamics
6. Equilibrium
7. Redox reactions
8. Organic chemistry some basic principles and techniques
9. Hydrocarbons

### **ECONOMICS**

1. STATISTICS- MEAN, MEDIAN, MODE, INDEX NUMBER, CORRELATION, TABULATION
2. MICRO ECONOMICS- PRODUCTION, COST, REVENUE, PPC, ELASTICITY OF DEMAND, EQUILIBRIUM PRICE

### **BIOLOGY**

1. PLANT PHYSIOLOGY (UNIT 4)
2. HUMAN PHYSIOLOGY (UNIT 5)
3. MORPHOLOGY OF FLOWERING PLANTS
4. ANATOMY OF FLOWERING PLANTS

### **GEOGRAPHY**

**Unit-1 Geography as a discipline**

- Unit-2    The Earth**
- Unit-3    Landforms**
- Unit-4    Climate**
- Unit-5    Water (Oceans)**
- Unit-6    Life on the Earth**

## **MATHS**

1. Trigonometric function
2. Permutations and combinations
3. Binomial
4. Straight line
5. Statistics
6. Probability

## **ACCOUNTS**

**JOURNAL**

**LEDGER**

**TRIAL BALANCE**

**CASH BOOK**

**FINANCIAL STATEMENTS WITHOUT AND WITH ADJUSTMENTS**

## **BUSINESS STUDIES**

**CHAPTER 1 NATURE AND PURPOSE OF BUSINESS (REVISION)**

**CHAPTER 2 FORMS OF BUSINESS ORGANISATION**

**CHAPTER 4 BUSINESS SERVICES**

**CHAPTER 7 SOURCES OF BUSINESS FINANCE**

**CHAPTER 10 INTERNATIONAL TRADE**