

## INTERACTIVE SESSION/ENTRANCE TEST (2024-25) SYLLABUS (Class -IX)

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### ENGLISH

#### Reading:

Unseen passage/ poem

#### Writing:

Notice Writing, Message Writing, Paragraph Writing, Diary Entry, Letter Writing (Formal and Informal)

#### Grammar:

Adjectives, Comparison of Adjectives, Kinds of Sentences, Adverbs, Conjunctions, Prepositions, Tenses, Subject Verb Agreement, Direct and Indirect Speech, Articles, Modal auxiliaries, Active and passive voice.

### HINDI

1. अपठित गद्यांश/अपठित पद्यांश
2. शब्द भंडार (विलोम, पर्यायवाची तथा अनेक शब्दों के लिए एक शब्द)
3. संधि
4. समास
5. वाक्य विचार
6. उपसर्ग तथा प्रत्यय
7. पत्र- औपचारिक/ अनौपचारिक

### MATHEMATICS

1. Rational numbers
2. Linear equations in one variable
3. Understanding Quadrilaterals
4. Data Handling
5. Square and Square roots
6. Cube and Cube roots
7. Comparing quantities
8. Algebraic expressions and identities
9. Visualizing solid shapes
10. Mensuration
11. Exponents and powers
12. Factorization
13. Introduction to graphs

## SCIENCE

### **Physics**

Force and Pressure, Friction, Sound, Light

### **Chemistry**

Combustion and Flame, Coal and Petroleum, Chemical Effects of Electric Current

### **Biology**

1. Crop production and Management
2. Microorganisms: Friend and Foe
3. Reproduction in Animals
4. Reaching the Age of Adolescence

## SOCIAL SCIENCE

### **History**

1. From Trade to territory
2. When people rebel
3. The Freedom Movement

### **Civics**

1. The Indian Constitution
2. Why do we need a parliament?
3. Judiciary

### **Geography**

1. Resources
2. Land, Soil, Water, Natural vegetation and wildlife
3. Agriculture
4. Industries
5. Human Resources

