

SRI RAM KRISHAN DAV PUBLIC SCHOOL, SURIYA

Syllabus for Entrance Test (2023-2024)

Class VII

SUB-ENGLISH

1. Paragraph Writing
2. Article
3. Parts of Speech
4. Application to the Principal
5. Verb Forms (Present, Past and Past Participle)
6. Tense

विषय - हिन्दी

1. पर्यायवाची शब्द एवं विलोम शब्द
2. सर्वनाम, विशेषण और क्रिया
3. आवेदन पत्र

Sub-Maths

1. **Factors and multiples** :- LCM, HCF, prime numbers, composite numbers, prime factorization, twin prime numbers, co-prime numbers.
2. **Angles and triangles** :-types of angles, types of triangles, finding angles etc.
3. **Linear equation in one variable** :-solving linear equations, definition of linear equation etc.
4. **Percentage and its applicatios** :-percentage, profit and loss, simple interest etc.
5. **Algebraic expressions**:-literal numbers, algebraic expressions, like terms unlike terms, *addition* and subtraction of algebraic expressions, finding the value of an algebraic expression etc.

Sub-Science

Food

.sources of food, food from plants and animals, component of food, function and its deficiency diseases, factors responsible for poor health.

Separation of substance

. Mixtures , Types of mixtures, separating the components of mixtures and its process.

Electric currents and circuits

. Electric cells , electric bulb, electric current, electric circuit , electric switch, use of symbol in electric circuit, conductors and insulators.

Magnets

.Natural and artificial magnet, Types of artificial magnet, Permanent and temporary magnet, magnetic and non magnetic materials , properties of a bar magnets, earth as a magnet, interesting facts about magnets.