



**ENTRANCE EXAMINATION SYLLABUS**  
**SESSION: 2021-2022**  
**CLASS - VII (Written)**

**GENERAL INSTRUCTIONS**

1. *The admission is based on written test followed by interaction with Teacher/Principal.*
2. *The answers have to be given on a separate answer sheet for each subject.*
3. *There is a time limit of 30 mins for each subject and total time given to complete the entrance test is 1 hour 30 minutes.*
4. *Each subject is of 20 marks with total 60 marks.*
5. *Minimum marks are required to qualify the entrance test and be eligible for admission.*
6. *Hindi subject optional and not mandatory to attempt/qualify. If attempted, its marks will be replaced with that of Maths/EVS.*

**ENGLISH**

- Parts of Speech: Noun, Pronoun, Verb, Adverb, Adjectives, Prepositions, Conjunctions
- Unseen Passage followed by simple questions.
- Story Writing /Article Writing/Notice Writing
- Email/Formal & Informal Letter
- Articles (a/an/the)
- Tenses (Present, Past, Future)
- Synonyms & Antonyms
- Active & Passive Voice
- Sentence, Jumbled Form, Punctuation

**MATHS**

- Number System: Number Line, Estimation, Roman numerals
- Operation on Whole Number: Addition , Subtraction , Multiplication , Division
- Playing with Numbers: HCF, LCM, Prime Factorization
- Integer: Addition , Subtraction , Multiplication , Division
- Fraction: Like and Unlike, Equivalent, Addition, Subtraction, Multiplication, Division
- Decimal: Addition, Subtraction, Multiplication, Division, Word Problem
- Ratio , Proportion and Unitary Method
- Algebra: Operations, Expression, Linear Equation in one Variable
- Geometry: Lines, Curves, Angles(types), Triangle, Quadrilateral, Circle
- Perimeter and Area ( square, rectangle, triangle)
- Money and distance.

## SCIENCE

- Food-Components: Proteins, Carbohydrates, Fats, Vitamins, Minerals, Roughage
- Electricity: Electric Circuit, Working of Torch and Dry Cell
- Human Skeleton: Bone, Cartilage, Joints, movements of Joints with Example
- Locomotion (Locomotory Organs in Man, Bird, Snake, Fish, Monkey etc )
- Types of Changes: Physical and Chemical Changes, Desirable and Non Desirable Changes, Reversible and Non Reversible Changes
- Water: Water Cycle, Uses of water, Sources of Water, Water Harvesting, Water Pollution, Save water
- Plant and Animal Habitat: Aquatic, Terrestrial, Adaptive features with common examples
- Our Solar System ( Planets, Orbits, Satellites, Other Heavenly Bodies )
- My Country (Song, Anthem, Symbols, Flags, Capitals, States, Ministers, Imp. Dates & Imp. Year)

## HINDI

- अपठित गद्यांश
- वर्ण विचार
- संधि
- उपसर्ग / प्रत्यय
- पर्यायवाची शब्द
- विलोम शब्द
- सज्ञा
- सर्वनाम
- विशेषण
- कारक
- क्रिया
- काल
- पत्र— अनौपचारिक एवं औपचारिक