



INDIAN SCHOOL SOHAR
ADMISSION TEST SYLLABUS: 2019-20
CLASS IX

(This admission test is based on the following general topics of Class VIII level)

ENGLISH

- **Reading** – Comprehension (Questions based on the given passage)
- **Writing** – Letter (Formal, Informal), Notice Writing
- **General Grammar**

MATHEMATICS

- Rational Numbers (Four Operations, Simplification, Finding Rational Numbers between two given Rational Numbers)
- Quadrilaterals (Kinds of Quadrilaterals and its Properties)
- Squares and Square Roots
- Cubes and Cube Roots
- Comparing Quantities (Ratio, Percentage, S.P, C.P, Profit, Loss, Sales Tax, VAT, Simple Interest and Compound Interest)
- Algebraic Expressions and Identities (Four Operations, Expand using Identities)
- Factorisation (Using Common Factors and Identities)
- Exponents and Powers (Expressing as Positive Exponent, Laws of Exponents, Simplification)
- Probability
- Mensuration (Area and Perimeter of Square, Rectangle, Triangle, Parallelogram, Trapezium, Circle, Area of Polygons, Surface Area and Volume of Cube, Cuboids and Cylinder)
- Direct and Inverse Proportion

SCIENCE

- Cell (Structure of Organelles, Function of Cell Organelles)
- Light (Laws of Reflection, Formation of Image in a Plane Mirror, Structure and Care of Eyes)
- Friction (Force of Friction, Types and Factors affecting Friction)
- Microorganisms (Major Groups), Uses of Microorganisms, Harmful Microorganisms
- Force and Pressure (Effect of Force, Types of Force, Pressure exerted by Liquids and Gases, Atmospheric Pressure)
- Conservation of Plants and Animals (Deforestation – Causes, Consequences and Solutions, Conservation of Forest and Wildlife)
- Sound

HINDI (Reading, Writing & Grammar)

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| * अपठित गद्यांश | * मुहावरे | * अनेकार्थी शब्द |
| * पत्र - लेखन (औपचारिक) | * संधि - विच्छेद | * उपसर्ग - प्रत्यय |
| * वाक्य के भेद (अर्थ के आधार पर) | * पर्यायवाची शब्द | * अलंकार - भेद |
| * पद - भेद | * वाक्य शुद्धि | * वाच्य (भेद और परिवर्तन) |
| * कारक - भेद | * विलोम शब्द | |

Important Points:

1. Each subject will carry 25 Marks.
2. Duration of each subject will be 30 mins.