INDIAN SCHOOL SOHAR
DIAGNOSTIC TEST SYLLABUS: 2026 - 27

CLASS – VI
(This admission test is based on the following general topics of Class V level)

ENGLISH

READING

- Unseen Passage

WRITING AND GRAMMAR

- Paragraph Writing
- Tenses
- Types of Sentences
- Subject & Predicate

HINDI (Reading, Writing & Grammar)

- **अपठित गद्यांश**
- **वाक्य रचना**
- **काल**
- **विलोम शब्द**
- **संज्ञा के भेद**
- **पर्यायवाची शब्द**
- **वर्ण – विच्छेद**
- **अनुच्छेद**
- **वाक्य शुद्धि**
- **वर्तनी शुद्धि**

MATHEMATICS

- Numbers – (Place value system)
- Four Operations
  - Addition and Subtraction- up to 7 digits,
  - Multiplication by 2 or 3 digits,
  - Division – Division by 10,100,1000)
- Geometry Basics (Polygons)
- Factors and Multiples (Rules of divisibility by 2, 3, 5, and 10, Prime numbers and composite numbers, Prime factorization, Lowest Common Multiples)
- Fractions (Addition, Subtraction, Multiplication and Division)
- Decimals (Four operations in decimals)
- Measurement (Length, Mass and Capacity Conversion from one unit to another)
- Area and Perimeter (Square and Rectangle)
- Time (Calendar)
- Data Handling (Bar graph, Pictograph)

SCIENCE

- Plant Life: Plant Reproduction - Reproduction through seeds, Structure of a seed, Seed germination, Stages of germination, Dispersal of seeds, Reproduction through spores, Reproduction through roots, stems and leaves.
  - Agriculture – Stages of agriculture, Crops and Seasons, Crops and Soil
- Animals Life: Habitats, Body coverings, Breathing in animals, Movement in animals, Feeding habits of animals, Migration
- The Human Body:
  - Skeletal System (parts, functions), Joints - Types of joints
  - Muscular System – Types of muscles
  - Nervous System (Brain, nerves, spinal cord), Reflex Action, Sense Organs
- Food and Health:
  - Nutrients (carbohydrates, proteins, vitamins, minerals, fats), Water and Roughage, Balanced diet.
  - Communicable and Non-Communicable Diseases, their causes and preventions ,Vaccination.
- Air and Water:
  - Components of air, Properties of air, Atmosphere – layers of the atmosphere.
  - Water – Types of impurities, Removal of insoluble impurities (Sedimentation, decantation, filtration), Removal of soluble impurities (Evaporation, distillation), Removal of germs.
- States of Matter: Particle arrangement in matter (Solids, liquids and gases), Changes in states of matter (Melting, freezing. evaporation, condensation). Solubility of solids, liquids and gases in water.
- Work and Simple Machine: Simple machines and its types, Classes of levers.
- Our Universe: Solar system, The Moon – Conditions on moon, moon and tides, Eclipses (Solar and Lunar) , Artificial Satellites and their uses.