

Syllabus for Entry Test- 2026

<u>MATHEMATICS</u> (a) Rational, Whole Numbers (b) Sets (c) Decimals (d) Exponents (e) Ratio and Proportion (f) Square Root (g) Percentage, Profit, Loss (h) Algebra (i) Basic Statistics (j) Geometry (k) Linear Equation (l) Measurements (m) Operations on directed numbers	<u>Intelligence Test</u> ➤ Questions included from Verbal and Non-Verbal Reasoning.
<u>GENERAL SCIENCE</u> ➤ Characteristics of living and non-living Things. ➤ Human Organ Systems: Digestive, Respiratory, Circulatory. ➤ Transport Systems: Circulatory system in humans, transport of water and nutrients in plants. ➤ Reproduction in Plants: Pollination, types, fertilization processes. ➤ Environment & Feeding Relationships: Ecosystems, habitats, food chains, environmental factors ➤ Matter and its states. ➤ Structure of the Atom: Atomic structure, atomic and mass numbers, valency, electron shells. ➤ Physical and Chemical Changes: Differences and examples. ➤ Transmission of Heat: Conduction, convection, radiation, practical examples. ➤ Light and sound (basic Concepts). Force, work and Energy.	<u>English</u> (Syllabus includes below-mentioned topics / areas) (a) Comprehension. (b) Applied Grammar: Multiple Choice Questions covering different aspects of grammar, for example: • Singular and plural, Masculine / feminine, Correction of spellings • Tenses, the use and sequence of tenses • Filling in the blanks with articles, prepositions, adjectives, adverbs • Regular / irregular verbs, modal verbs, infinitives • Vocabulary, sentence correction, parts of speech • Punctuation and direct & indirect narration • Kinds of pronouns, Active / passive voice • Word meanings, synonyms / antonyms, Idioms / proverbs