

**ENGLISH ... Grade: 6 ... Allocated Marks: 20 ... Time Allowed: 45 minutes**

Educational institutions established in private sector, introduce different series of books particularly on this subject, which vary from school to school. Keeping in view this problem, no text book is recommended for Entry Test. However, in order to evaluate the proficiency of candidate in English, a comprehensive paper is set which carries simple and common questions according to the age/ class level of the students.

**SYLLABUS of ENGLISH for ADMISSION to Grade: 6**

TITLE of the ACTIVITY Function/Requirement	No. of Attempts (Parts of the Question)	Marks Allocated to each Attempt	Total Marks of the Question
<b>Vocabulary</b>			
Correction of Spellings	2	0.5	1.0
Meanings of Words in English/Synonym or in Urdu	4	0.5	2.0
Words – Opposite (Antonyms)	2	0.5	1.0
Word Families (Verbs into Nouns & Adjectives or vice versa )	4	0.5	2.0
<b>Grammar</b>			
Articles (a, an, the)	2	0.5	1.0
Prepositions	2	0.5	1.0
Choosing the Correct Main Verb	1	1.0	1.0
Choosing the Correct Auxiliary Verb	2	1.0	2.0
Changing Tenses of the Sentences (Present/ Past/ Future)	1	1.0	1.0
Making the Sentence Singular/ Plural	1	1.0	1.0
Correction in Sentences	1	1.0	1.0
Identifying the <b>Part of Speech</b> of the Underlined Word in a Sentence	3	1.0	3.0
<b>Sentence Formation of Words</b>	3	1.0	3.0

**SYLLABUS of SCIENCE for ADMISSION to Grade: 6**

**Classification Of Living Organisms:** Five Kingdom System, Monera, Protista, Fungi, Plantae (Flowering Plants) and Animalia (Vertebrates and Invertebrates)

**Microorganisms:** Virus, Bacteria and Fungi

**Flowers And Seeds:** Structure of Flower, Type of Reproduction in Plants, Structure of Seed

**Environmental Pollution:** Air, Land and Water Pollution, Effects Of Pollution On Life, Greenhouse Effect, Biodegradable and Non- Biodegradable Materials

**Physical and Chemical Changes Of Matter**

**Light and Sound:** Luminous and Non-Luminous Objects, Transparent, Opaque And Translucent Objects, Light Travels in a Straight Line, Shadows, Reflection of Light, Propagation of Sound, Intensity of Sound, Noise, Pleasant and Unpleasant Sound, Noise Pollution

**Electricity and Magnetism:** Charge, Static Electricity, Properties of Charge, Electric Current, Electric Circuit and its Components, Open and Closed Circuits, Conductors and Insulators, Fuse and Its Use, Magnet, Magnetic and Non-Magnetic Materials, Properties of a Magnet, Magnetic Compass, Types of Magnet

**Structure of The Earth:** Importance of Water, Sources

**MATHEMATICS ... Grade: 6 ... Allocated Marks: 20 ... Time Allowed: 45 minutes**

The ability of the students regarding general concepts of Mathematics, practiced in the respective classes at every school, is evaluated through the Entry Test Paper of Mathematics. The paper, for all levels, comprises of five sums carrying 4 marks each. The very first question of the paper, is in objective form, however, the rest of 4 questions are picked up calculation based sums.

- Fill in the Blanks (1.0×4)
- Sums (4.0×4)

**SYLLABUS of MATHEMATICS for ADMISSION to Grade: 6**

**Numbers (0- 1000 000 000)** Place value chart, Place value, Expanded form, Comparing and ordering of numbers, Rounding off of whole numbers, Operations on whole numbers, Number pattern

**LCM and HCF:** Prime and composite numbers, Factors and Multiples, Prime factorization, HCF and LCM, Word problems

**Fractions and Decimals:** Equivalent fractions, Lowest form of fractions, Conversion of decimal to common fraction (into lowest form) and vice versa, Rounding off of decimals, Comparing and ordering decimals, Operation on decimals and fractions, Word problems

**Unitary method:** Finding price of 1 when price of more things is given and vice versa, Direct relation by using **Unitary method**

**Percentage:** Concept of percentage, Expressing fraction and decimal into percentage and vice versa, Percentage of a quantity, word problems

**Average:** Finding average, word problems