

ENGLISH ... Grade: 6 ... Allocated Marks: 20 ... Time Allowed: 50 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 candidates 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
Vocabulary			
Correction of Spellings	2	0.5	1.0
Meanings of Words in English or in Urdu	4	0.5	2.0
Words – Opposites (Antonyms)	2	0.5	1.0
Forms of Verbs (Present/Past/Past Participle)	4	0.5	2.0
Grammar			
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
Identifying the Part of Speech of the Underlined Word in a Sentence	3	1.0	3.0
Changing Tenses of the Sentences (Present/ Past/ Future)	1	1.0	1.0
Making the Sentence Singular/ Plural	1	1.0	1.0
Correction of the Sentence	1	1.0	1.0
Sentence Formation of Words	3	1.0	3.0

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 Entrance Test paper of Mathematics. The paper comprises of five sums carrying 4 marks each. The very first question of the paper is in objective form, however, the rest of the 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

Whole Numbers (0 - 1 000 000 000): Place value chart, place value, expanded form, number name, numbers in figures, comparison and ordering of numbers, number patterns, Rounding off .

Numbers operations: (Addition, Subtraction, Multiplication & Division), Word problems of Addition, Subtraction, Multiplication & Division

Factors and Multiples: Prime and composite numbers, Factors and multiples, Prime factorization, HCF and LCM, Real life application of HCF & LCM

Fractions & Decimals: Introduction to Fractions & decimals, Equivalent fraction, Lowest form of fraction, Conversion of decimal to common fraction (into lowest form) and vice versa, comparing and ordering fractions and decimals, operations on fractions & decimals and their related word problems.

Percentage: Concept of percentage, expressing fraction & decimal into percentage & vice versa, Percentage of quantity, finding part(quantity) when its percentage and whole are given and their related word problems.

Unitary method: Finding the value of 1 object of same kind when value of many of these objects is given and vice versa, Finding the value of many objects when value of some of these is given. Direct relation by using **Unitary method**.

Average: Finding average, word problems

SYLLABUS of SCIENCE for ADMISSION to Grade: 6

Human body Systems: Organs to organs system, integration of different systems in carrying out life processes, Sense organs. Human respiratory system, Human circulatory system

Microorganisms and Diseases: Main groups of microorganisms, Diseases caused by microorganisms, Useful role of microorganisms, decomposers.

Ecosystem: Food chain, Predator-prey relationship, Food web, Energy transfer in a food chain, Human activities add toxic substances to an ecosystem, Causes and effects of pollution.

Physical and Chemical Changes of Matter

Light and Sound: Luminous and non-luminous objects, Transparent, opaque and translucent objects, Sound, Propagation of sound, Speed of sound in different materials, The human ear, Intensity of sound.

Electricity and Magnetism: Electric current, Electric circuit and its components, Magnets, Properties of magnet, Magnetic and non- magnetic materials, Magnetic compass.

Structure of the Earth

Soil: Soil, Characteristics of soil, Types of soil, Similarities and differences among different types of soil, Absorption of water by soil, Various causes of soil pollution.