

**ENGLISH ... Class: 5 ... 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 the Entry Test. However, in order to evaluate the proficiency of the candidate in English, a comprehensive paper is set which carries simple and common questions according to the **age/class level** of the students.

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
Forms of Verbs (Infinitive/Past/Past Participle)	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
Transforming the Sentence into Affirmative/Negative/Interrogative	1	1.0	1.0
Making the Sentence Singular/Plural	1	1.0	1.0
Correction in Sentences	1	1.0	1.0
<b>Sentence Formation of Words</b>	3	1.0	3.0
<b>Translation of Urdu Sentences into English</b>	3	1.0	3.0

**MATHEMATICS ... Class: 5 ... Allocated Marks: 20 ... Time allowed : 50 minutes**

The ability of the students regarding general concepts of Mathematics, practised 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 as calculation based sums.

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

**SYLLABUS of MATHEMATICS for ADMISSION to CLASS: 5**

**Numbers** (0 to 1000,000) Place and Value of a number, Numbers in words and in figures, expanded form of a number, ascending and descending form of a numbers  
**Number Operations** (Addition, Subtraction, Multiplication, Division)

Factors and Multiples (Prime Factorization, HCF, LCM)

Fractions (Addition & Subtraction of mixed numbers, Multiplication and Division of fraction with whole numbers & related word problems)

Decimals (Conversion of Fractions to Decimals and vice versa),  
Basic operations on Decimals

Measurement of Length, Mass and Capacity (Addition & Subtraction of units of Mass, Length and Capacity)

Time (Conversion of units of time, elapsed time, Addition & Subtraction of units of time)

## **SYLLABUS of SCIENCE for ADMISSION to CLASS 5**

### **Our Body**

Major body parts & their functions, internal and external organs.

### **Characteristics and Needs of Living Things**

Food, air, light, water, movement, growth, reproduction, life cycle of plants.

### **Food & Health**

Major components of food (carbohydrates, proteins, fats, vitamins, minerals, water) balanced diet, food pyramid.

### **Living Things & their Environment**

Types of environment, adaptation, eating habits of animals (Herbivores, Omnivores, Carnivores), food chains.

### **States of Matter**

Shape & volume, mass, three states of matter, effect of heat on matter, mixtures, separation of insoluble solids from water (filtration & decantation).

### **Temperature & Its Measurement**

Temperature scales, laboratory thermometer, clinical thermometer.

### **Force & Machine**

Force, its effect, simple machines (lever, pulley, inclined plane, wheel and axle).

### **Sound**

Production of sound, its intensity, medium for sound to travel, noise pollution.

### **Electricity and Magnetism**

Circuits (open & closed), conductors & insulators, magnets, magnetic & non-magnetic materials, properties of magnets.

