

ENGLISH ... Class: 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 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
Vocabulary			
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
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
Making the Sentence Singular/Plural	1	1.0	1.0
Correction in Sentences	1	1.0	1.0
Changing Tenses of the Sentences (Present/Past/Future)	1	1.0	1.0
Sentence Formation of Words	3	1.0	3.0
Translation of Urdu Sentences into English	3	1.0	3.0

MATHEMATICS ... Class: 6 ... 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: 6

Natural, whole numbers: Counting, Ordering of numbers, Place value, Rounding off of whole numbers, Operations on natural & whole numbers, Order of Operations (BODMAS).

LCM and HCF: Prime and Composite numbers, Prime factorization, Common Multiples & Common Factors, HCF & LCM, word problems.

Fractions & Decimals: Equivalent fractions, Lowest form of fractions, Converting Decimal fraction into Common fraction then into lowest form, converting common fraction into decimal form, Rounding off of Decimals, Operations on Decimals & fractions, Order of operations (BODMAS).

Unitary Method: Finding price of more things if price of one thing is given, Finding price of one thing when price of more things is given, Problems involving Direct/Inverse Proportion by using unitary method

Percentage: Concept of percentage, Expressing fractions & Decimals as percentage & vice versa, Percentage of a quantity & word problems, Discount & Discount percentage.

Average: Finding average, Word Problems

SYLLABUS of SCIENCE for ADMISSION to CLASS 6

Classification of Living Things

Animals: vertebrates & invertebrates, **Plants:** Flowering & non-flowering plants.

Microorganisms

Bacteria, fungi, viruses, their advantages & disadvantages.

Pollution (Air, land, water)

Causes and Effects, Biodegradable & Non-biodegradable Materials.

Matter & Changes in its States

Melting, Freezing, Boiling, Evaporation, Condensation & Water cycle.

Forces and machines

Advantages & disadvantages, methods to reduce friction, gravitational force, Lever (its types).

Properties & behavior of light

luminous, non-luminous, transparent, opaque and translucent objects, solar & lunar eclipse.

Electricity & magnetism

Electric current, electric circuit and its components, fuse, static electricity, electromagnets.

Forces and Machines

Advantages & Disadvantages, Methods to reduce friction, Gravitational force, Lever (its types)

Properties & Behavior of Light

Luminous, Non-luminous, Transparent, Opaque and Translucent objects, Solar & lunar eclipse.

Electricity & magnetism

Electric current, Electric circuit and its components, Fuse, Static electricity, Electromagnets.