

ENGLISH... CLASS: 6 ... Allocated Marks:20 ... Time allowed: 50 minutes

The following outline of the topics is set in line with the **SNC** (Single National Curriculum) implemented by the Government of Pakistan. 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.

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 Spelling	2	0.5	1.0
Meanings of Words in English/ Synonyms or in Urdu	4	0.5	2.0
Words-Opposites (Antonyms)	2	0.5	1.0
Forms of Verbs (Infinitive/Past/Past Participle)	4	0.5	2.0
Grammar			
Articles (a, an, the)	1	1.0	1.0
Prepositions	1	1.0	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 Part of Speech of the Underlined Word in a Sentence	3	1.0	3.0
Sentence Formation of Words	3	1.0	3.0

**ADMISSION TO CLASS: 6
SCIENCE**

Characteristics 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 of Water, Water Cycle, Soil and its Types.

MATHEMATICS ... Class: 6 ... Allocated Marks: 20 ... Time allowed: 45 minutes

The ability of the students regarding general concepts, practiced in the respective classes at every school, is evaluated through the Entrance Test paper of Mathematics. For all levels, the paper comprises 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 as calculation based sums.

- **Fill in the blanks** (1.0× 4)
- **Sums** (4.0× 4)

SYLLABUS OF MATHEMATICS FOR ADMISSION TO CLASS: 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, operations (addition, subtraction, multiplication & division) & related word problems.

Factors & Multiples: Prime & composite numbers, factors & multiples, prime factorization, finding HCF & LCM. Real life application of HCF & LCM.

Fractions, Decimals & Percentage: Introduction to Fractions & decimals, equivalent fraction, lowest form of fractions, comparison of fractions and decimals, conversion of fraction to decimal & vice versa, operations (addition, subtraction, multiplication & division) on fractions & decimals. Rounding off decimals, concept of percentage, expressing fraction & decimal into percentage & vice versa, percentage of a quantity, finding part given percentage. Word problems related to all these topics.

Unitary Method: Real life application of unitary method (Direct relation)

Average: Finding average, real life situations involving average.

Measurements: Addition & subtraction of units of length & time. Related word problems.