

ENGLISH... CLASS: 5 ... 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: 5
SCIENCE
SYLLABUS OUTLINE

Allocated Marks: 10

Time Allowed : 30 minutes

Characteristics of Living Things: Similarities and Differences between Plants and Animals, Vertebrates and Invertebrates, Flowering and Non-Flowering Plants, Major Body Parts, Vital Organs and their Functions

Ecosystem: Its Components, Food Chain, Predator-Prey Relationship

Human Health: Symptoms, Transmission and Prevention of Communicable Diseases, Ways of Maintaining Good Health

States of Matter and their Characteristics: Properties of Solid, Liquids and Gases, Physical Properties of Metals

Forms of Energy And Energy Transfer: Light Energy, Sound Energy, Heat Energy, Thermometer, Electrical Energy

Force and Motion: Gravity, Friction (Advantages and Disadvantages)

Simple Machines: Lever, Pulley, Gear, Inclined Plane

Earth and Its Resources: Distribution of Water on Earth, Air, Soil, Forests, Natural Oil, Natural Gas, Minerals, Fossils, Renewable and Non-Renewable Energy Sources

MATHEMATICS ... Class: 5 ... 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: 5

Whole Numbers (0 - 1 000 000): Place value chart, place value, expanded form, number name, numbers in figures, comparison and ordering of numbers, operations (addition, subtraction, multiplication & division) & related word problems.

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

Fractions: Fraction (proper, improper & mixed numbers), comparison of fractions, conversion of improper fraction into mixed number & vice versa, equivalent fraction, operations (addition, subtraction, multiplication & division) on fractions & related word problems.

Decimals: Place value chart, expanded form, conversion of a fraction to decimal & vice versa, comparison of decimals, operations (addition, subtraction, multiplication & division) on decimals & related word problems.

Measurements: Conversion of units of length, mass, capacity & time, elapsed time, addition & subtraction of units of length, mass, capacity & time. Real life application of these topics.