

**Topics & Sub-Topics for Undergraduate Admission Test**  
**GIKI Syllabus: BS Programs in Management Sciences**

<b>Mathematics</b>	Topic	Sub Topics
	Basic Arithmetic Concepts	Fractions and Decimals, Ratios and Proportions, Percents, Average, Functions and Their Graphs
	Basic Algebra	Solving equations and inequalities, Matrices, Properties of functions (linear, polynomial, rational, exponential)
	Coordinate Geometry	Lines and Angles, Triangles, Circles, Coordinates in three dimensions
	Statistics and Probability	Mean, Median, Mode, Range, Inter-Quartile Range, Standard Deviation, Graphs, Plots.
	Basic Calculus	Derivatives, Integration
	Miscellaneous	Assorted topics in Mathematics

<b>English Language</b>	Topic	Sub Topics
	Reading Comprehension	Content & Context Understanding, Idiomatic & Colloquial Use of Language, Inference & Deductive Reasoning
	Vocabulary	Correct Usage of Words, Synonyms, Antonyms
	Basic English Structure	Sequence of Tense, Subject-Verb Agreement, Placing of Modifiers, Pronoun Reference, Parallelism, Punctuations
	Miscellaneous	Assorted topics in English Language