

# ALPHA PLUS

Topics / Sections	ACET Syllabus
<b>Mathematics</b>	Notation and standard functions Numerical Methods Algebra Differentiation Integration Vectors Matrices
<b>Statistics</b>	Permutations and combinations Types of data Statistical diagrams Bar chart Histogram Dot plot Stem-and-leaf Boxplot Measures of location Mean Median Mode Measures of spread Range Interquartile range Standard deviation

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<p style="text-align: center;"><b>Statistics</b></p>	<p>Variance</p> <p>Skewness</p> <p>Probabilities</p> <p>Basic rules of probabilities</p> <p>Advanced probabilities</p> <p>Tree diagrams</p> <p>Conditional probabilities</p> <p>Discrete random variables</p> <p>Definitions</p> <p>Probabilities</p> <p>Mean</p> <p>Mode</p> <p>Median</p> <p>Standard deviation</p> <p>Variance</p> <p>Coefficient of skewness</p> <p>Continuous random variables</p> <p>Definitions</p> <p>Probabilities</p> <p>Mean</p> <p>Mode</p> <p>Median</p> <p>Standard deviation</p> <p>Variance</p>

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<b>Statistics</b>	Coefficient of skewness Discrete distributions Discrete uniform Bernoulli Binomial Poisson Continuous distributions Continuous uniform Exponential The normal distribution Correlation Scatter plots Covariance Correlation coefficient Regression
<b>English</b>	Vocabulary Based (Synonyms Antonyms) English Usage or Grammar Sentence Correction Fill in the blanks Cloze Passage Analogies or Reverse Analogies Jumbled Paragraph Meaning-Usage Match Summary Questions Verbal Reasoning

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Topics / Sections	ACET Syllabus
<b>English</b>	Facts / Inferences / Judgements Reading Comprehension
<b>Data Interpretation</b>	Tables Column Graphs Bar Graphs Line Charts Pie Chart Venn Diagrams Caselets
<b>Logical Reasoning</b>	Number and Letter Series Calendars Clocks Cubes Venn Diagrams Binary Logic Seating Arrangement Logical Sequence Logical Matching Logical Connectives Syllogism Blood Relations