

GRE

ANALYTICAL WRITING

Issue Essay

VERBAL REASONING

Text completion

Sentence Equivalence

Reading comprehension

QUANTITATIVE REASONING

ALGEBRA

- Operations with exponents
- Solving linear and quadratic equations and inequalities
- Coordinate geometry, including graphs of functions, equations and inequalities, intercepts and slopes of lines
- Setting up equations to solve word problems
- Relations, functions, equations and inequalities
- Factoring and simplifying algebraic expression
- Solving simultaneous equations and inequalities

GEOMETRY

- Area
- Circles
- Volume
- Perimeter
- Quadrilateral
- Other polygons
- 3-Dimensional figures
- The Pythagoreans angle measurement in degree
- Triangles, including isosceles Equilateral and 30°-60°-90° Triangles
- Congruent and similar figures
- Parallel and perpendicular lines

ARITHMETIC

- Exponents and roots.
- Percent, ratio, rate, absolute value, number line, decimal representation and sequence of numbers.
- Integer, divisibility, factorization, prime numbers, remainders and odd even integers.

