

GRE 2024 Exam Syllabus

The Graduate Record Examination (GRE) score is used as a criterion for admission into graduate-level courses across the globe. The GRE exam tests the candidate's aptitude among three segments- Quantitative Reasoning, Verbal Reasoning and Analytical Writing. The Quantitative and Verbal sections can be scored in the range of 130-170 marks with one mark increment for each correct answer. Analytical Writing is scored between 0-6 with intervals of 0.5 marks.

The total test takes 3 hours and 45 minutes. The Analytical Writing segment always comes first and it takes 30 minutes for each of the two questions. The Verbal Reasoning segment is divided into two sections of 20 questions each and 30 minutes is allotted to per section. The Quantitative Reasoning segment is similar to the Verbal section in structure, but gives you 35 minutes per section.

GRE Exam Syllabus for General Test

1) **Analytical Writing:** This section has two types of questions viz, Analyze an Issue and Analyze an Argument. This section is designed to test the candidate's ability to think critically and articulate the points to support their ideas in a clear and structured manner.

1. **Analyze an Issue:** In this question, the candidate is asked to take a view on the issue given, and elaborate on why they've taken that position. This tests the critical thinking ability of the candidate.
2. **Analyze an Argument:** While the candidate is asked to take a side in Analyze an Issue, here they're presented with one. The candidate's job is to evaluate the position taken by the author. This tests the logical thinking ability of the candidate.

2) **Verbal Reasoning:** This section has three types of questions. It measures the candidate's ability to draw assumption from incomplete data, understand the meanings of words and understand the structure of a text. This section requires the candidate to have a healthy vocabulary.

1. **Reading Comprehension:** The passages for this part is taken from everyday academic topics. The length of the paragraph can range from one to five. The candidate has to read, understand and answer the questions either in multiple-choice format of selecting in-sentence.
2. **Text Completion:** This involves a paragraph of the length of 5 sentences, where there can be one to three blanks. The candidate has to pick the correct option and there is no marks for partially correct answers.
3. **Sentence Equivalence:** There will be one sentence given with one blank. The candidate has to choose two options out of the six, such that the meaning of the sentence is similar for both the options.

3) **Quantitative Reasoning:** This section tests the high school math aptitude of the candidate. There are no tough problem solving topics like calculus or trigonometry. The candidates can make use of the on-screen calculator available.

The topics involved are:

1. **Arithmetic:** Percent, Ratio, Rate, Sequence, Factorization, Decimal Representations.
2. **Algebra:** Exponents, Algebraic Expressions, Relations And Functions, Quadratic Equations, Inequalities, Coordinate Geometry, Graphs, Intercept, Slopes.
3. **Geometry:** Circles, Triangles, Types Of Triangles, Cylinder, Quadrilateral, Polygons, Concurrent And Similar Figures, Area, Perimeter, Volume, Pythagoras Theorem.
4. **Data Analysis:** Mean, Median, Mode, Standard Deviation, Quartiles And Percentiles, Line, Bar, Pie Graphs, Probability, Conditional Probability, Random Variables, Permutations And Combinations.

Section	GRE Syllabus
Verbal Reasoning	Basic sentence structure, verb tense, idioms and idiomatic expression, pronoun agreement, subject verb agreement, modifiers, parallelism, great vocabulary
Quantitative Reasoning	Number, percentage, profit and loss, ratio and proportion, simple and compound interest, speed distance and time, permutation and combination, linear equation, quadratic equation, set theory, statistics, powers and roots, probability, work and time, geometry, co-ordinate geometry, mensuration
AWA	Basic sentence structure

GRE Syllabus for Subject Test 2024

GRE 2024 syllabus for Chemistry Subject test

The test consists of approximately 130 multiple-choice questions related to the four fields of Chemistry. These include:

- Analytical Chemistry (15%)
- Inorganic Chemistry (25%)
- Organic Chemistry (30%)
- Physical Chemistry(30%)

GRE 2024 syllabus for Math Subject test

The test consists of approximately 66 multiple-choice questions drawn from courses commonly offered at the undergraduate level.

- Algebra (25%)
- Calculus (50%)
- Additional Topics (25%)

GRE 2024 syllabus for Physics Subject test

The test consists of approximately 100 five-choice questions, some of which are grouped in sets and based on such materials as diagrams, graphs, experimental data, and descriptions of physical situations.

- Classical Mechanics (20%)
- Electromagnetism (18%)
- Optics and Wave Phenomena (9%)
- Thermodynamics and Statistical Mechanics (10%)
- Quantum Mechanics (12%)
- Atomic Physics (10%)
- Special Relativity (6%)
- Laboratory Methods (6%)
- Specialized Topics(9%)

GRE 2024 syllabus for Psychology Subject test

The test consists of approximately 205 multiple-choice questions. Each question in the test has five options from which the examinee is to select the one option that is the correct or best answer to the question.

- Biological (17-21%)
- Cognitive (17-24%)
- Developmental (12-14%)
- Social (12-14%)
- Clinical (15-19%)
- Measurement/Methodology/Other (15-19%)

GRE 2024 syllabus for Biology Subject test

The test consists of approximately 190 five-choice questions related to Biology. The topics include:

- Cellular and Molecular Biology
- Organismal Biology
- Ecology and Evolution

GRE 2024 syllabus for English Literature Subject test

Each edition of the test consists of approximately 230 questions on poetry, drama, biography, essay, short story, novel, criticism, literary theory, and the history of the language.

- Literary Analysis
- Identification
- Cultural and Historical Contexts
- History and Theory of Literary Criticism

Note: *Biology and English Literature subject are discontinued for the test.*

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