



ATIT Exam Pattern

Subject	No.of Questions
Mathematics	35
Physics	25
Chemistry	20
English	20
Logical Reasoning	20

Subject Wise ATIT Syllabus

Physics

- Measurement
- Kinematics
- Rotational motion & movement of inertia
- Work energy & power
- Gravitation
- Properties of solid & fluids Oscillation
- Waves
- Force & Laws of motion Current electricity
- Effect of Electric Current Electron
- Photon & Radioactivity

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Chemistry

- Atomic structure
- Solid States
- Chemical bond
- Nuclear Chemistry
- Chemical Equilibrium Thermochemistry & thermodynamics
- Ionic Equilibrium
- Principles of metallurgical operations
- Chemistry of hydrocarbon
- Organic compounds containing organic oxygen
- Organic compounds based on the functional groups containing nitrogen and Biomolecules

Mathematics

- Sets
- Relations and Functions
- Complex Numbers and Quadratic Equations
- Matrices and Determinants
- Permutations and Combinations
- Limit Continuity and Differentiability
- Integral Calculus
- Differential Equations
- Conic Sections
- Vector Algebra
- Statistics and Probability
- Trigonometry
- Mathematical Reasoning

English

- General English
- Antonyms
- Synonyms
- Sentence
- Prepositions
- Active and Passive Voice

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- Completion
- Spotting Errors
- Spelling Test
- Substitution
- Passage Completion
- Transformation
- Sentence Arrangement
- Sentence Improvement
- Idioms and Phrases
- Joining Sentences
- Para Completion
- Error Correction (Phrase in Bold)
- Error Correction (Underlined Part)
- Fill in the blanks

Logical Reasoning

- Arithmetical Number Series
- Relationship Concepts
- Figural Classification
- Similarities
- Shapes and Mirror
- Arithmetical Reasoning
- Coding-Decoding
- Visual Memory
- Clocks
- Discrimination
- Odd man out
- Symbolic/ Number Classification
- Analytical Reasoning
- Letter series
- Space Visualization
- Venn diagrams
- Non-Verbal Test
- Semantic Analogy
- Number series
- Problem Solving