

INTRODUCTION TO GAT:

GAT is the acronym for Graduate Aptitude Test. A good score in GAT is a part-requirement for admission to The Master of Science in Information Technology (MSIT) Program, which is a two year post graduate program in Computer Science. The MSIT program is offered by “Consortium of Institutions of Higher Learning” (CIHL), formed by the Universities in collaboration with Carnegie Mellon University (CMU), Pittsburgh, USA. MSIT is currently offered at International Institute of Information Technology (IIIT-H), Hyderabad, School of IT, Jawaharlal Nehru Technological University Hyderabad (JNTUH), College of Engineering, Jawaharlal Nehru Technological University Kakinada (JNTUK), College of Engineering, Jawaharlal Nehru Technological University Anantapur (JNTUA) and Sri Venkateswara University Tirupati (SVU).

The GAT is typically taken by Graduates in Engineering of any branch (B.Tech/B.E) or Final year students. GAT measures literacy, Quantitative and Writing skills that are needed for academic success in higher learning. GAT assesses problem – solving skills under a strict time limit. GAT is administered online and is a Computer-based Test. GAT has been developed, administered and scored by Eduquity Career Technologies (P) Ltd, a Bangalore-based Human Resources Assessment Company.

STRUCTURE OF GAT:

GAT consists of three main sections, namely, Critical Reading, Quantitative Ability and Essay Writing. The Critical Reading section comprises of Reading Comprehension and Analytical and Logical Reasoning or Ability. The Quantitative Ability section comprises of Discrete Comparisons (Percentages, Ratios, Profit and Loss etc.), Data Analysis (Graphs, Charts and Tables), Quantitative Comparison (Diagrams, Formulae, Distance, Time etc.), Sets, Relations and Functions (Venn diagrams, Linear equations, Intersections, etc.). The Writing section consists of making an essay on the given topic of about 250 words.

PSYCHOMETRIC ASSESSMENT:

The psychometric assessment is based on five competencies identified by MSIT, given below are the same:

1. Problem Solving
2. Innovative
3. Conceptual Thinking
4. Learnability
5. Team Work Ability

The assessment consists of 25 situations based items followed by 'two' response options. For each situation appropriate and honest response is solicited as there are no right/wrong answers. This assessment will be time out after 30 minutes. Failure to complete the assessment within the time will lead to incomplete report generation.

SCORING OF GAT:

GAT uses scaled scores, like major tests in the world like GRE, GMAT, SAT, ACT etc. Scaled scores are a standardized converted score based on your correct responses. A **scaled score** is the total number of correct answers (raw **score**) that have been converted onto a consistent and standardized **scale**. In GAT each section is graded on a scale of 200–800 making a total of 2400 for all three sections.

PREPARATION FOR GAT:

Since GAT is not directly a knowledge based test, it takes into account what a student has learnt in his school/high school days up to Standard XII. Therefore, practice makes more important than just reading. It is advisable for candidates to practice mock tests through various websites and books. A list of test web links and practice books are indicated below-

WEBLINKS: Here you can find Aptitude Questions and Answers with explanations for Quantitative Aptitude, Logical Reasoning, Verbal Ability & Data Interpretation so that the candidate can learn, practice & improve their skills.

- <http://placement.freshersworld.com/aptitude-questions-and-answers>
- <http://www.practiceaptitudetests.com/>
- <http://www.psychometricinstitute.com.au/Free-Aptitude-Tests.asp>
- <http://www.indiabix.com/>

REFERENCE BOOKS: Here you can practice any number of test papers and in many cases the working principles are also stated.

- Barron’s Strategies and Practice for the New PSAT/NMSQT by BARRON
- A modern approach to Verbal & Non-Verbal reasoning by Dr. R.S. AGGARWAL
- Quantitative Aptitude for Competitive Examinations by R.S. AGGARWAL
- Quantitative Aptitude for Competitive Examinations by TRISHNAS



ANNEXURE

GAT - Test Syllabus - 2017			
Section	Section - Total Number of Questions & Marks	Main Topic	Sub Topics
SECTION 1 (Critical Reading)	30 (30 Marks)	Reading Comprehension (2 Passages with 4 questions)	
		Logical Reasoning & Analytical Ability	Assumptions / Arguments / Conclusions drawn true or false
			Directional
			Positional / Linear sequence or arrangement
SECTION 2 (Quantitative)	40 (40 Marks)	Discrete Comparison	Blood Relationship
			Percentage, Permutations & Probability

MSIT- Brief about the Test

Ability)			Time & work, Profit & Loss	
			Ratio Proportion and variations	
			Area & Geometry	
		Data Analysis		Line Graphs
				Bar Graphs & Pie Graphs
				Charts & Tables
		Quantitative Comparison		Geometry
				Diagrams, formulas, areas, Distance, Time etc..
				Number system
		Sets		Union & Intersections
				Venn Diagrams
		Relations		Progressions
				Linear equations
		Functions		The argument of the function
	Function of a Function			
SECTION 3 (Writing)	21 (20 + 10=30 Marks)* * Essay: 10 Marks	Sentence Completion, Analogies & Antonyms		
		Essays (1 topic)		
SECTION 4 (Psychometric Assessment)	25 situation items	Situational Judgment Test		