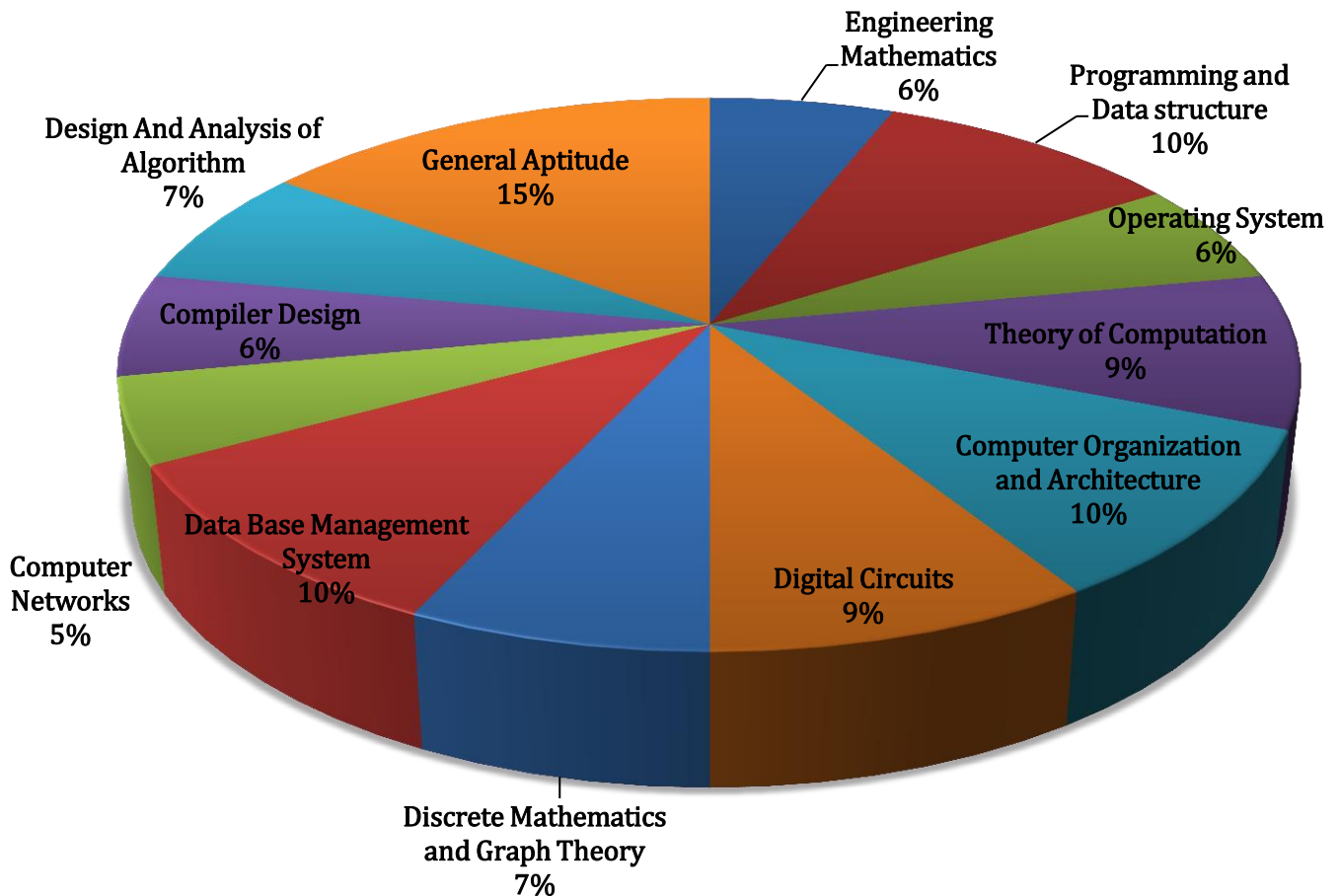


ANALYSIS OF GATE 2017*

Computer Science and Information Technology



Dear Students,

The GATE Academy team has tried to provide the best memory based questions and answers, however if you find any discrepancy then write your doubts to The GATE Academy at: info@thegateacademy.com. The GATE academy owes no responsibility for any kind of error due to data insufficiency/misprint/human errors etc.

CS ANALYSIS-2017_11-Feb_Afternoon

SUBJECT	Ques. No.	Topics Asked in Paper(Memory Based)	Level of Toughness	Total Marks
Engineering Mathematics	1 Marks:2 2 Marks:2	Probability, Calculus, Linear Algebra	Medium	6
Programming and Data structure	1 Marks:2 2 Marks:4	Introduction to 'C' Programming and Array , Stacks and Queues, Linked List	Tough	10
Operating System	1 Marks:2 2 Marks:2	CPU Scheduling, Deadlocks	Easy	6
Theory of Computation	1 Marks:3 2 Marks:3	Regular Grammar, Turing Machine, Finite Automata	Easy	9
Computer Organization and Architecture	1 Marks:4 2 Marks:3	Memory mapping, Pipelining and Vector Processing	Medium	10
Digital Circuits	1 Marks:3 2 Marks:3	Flip flop, Logic gate, Logic Expression, Number Systems and Code Conversions, Combinational and Sequential Digital Circuits	Easy	9
Discrete Mathematics and Graph Theory	1 Marks:3 2 Marks:2	Tree, Spanning tree, Graph theory, Combinatorics	Easy	7
Data Base Management System	1 Marks:2 2 Marks:4	Functional Dependency, SQL, Transactions and Concurrency Control	Medium	10
Computer Networks	1 Marks:1 2 Marks:2	TCP/IP, UDP and Sockets, IP(V4), The Data Link Layer	Easy	5
Compiler Design	1 Marks:2 2 Marks:2	Syntax Directed Translation, Parsing	Easy	6
Design And Analysis of Algorithm	1 Marks:1 2 Marks:3	Complex city, Greedy technique, Quick sort	Medium	7
General Aptitude	1 Marks:5 2 Marks:5	Probability, Numerical ability, Grammar	Medium	15
Total	65			100
Faculty Feedback	Majority of the question were concept based. CO, DBMS and DSA weightage was comparatively high. GA was medium as compared to the last year.			