PG - Engineering (M.Tech. CSE, DS)

Exam Pattern

Section	Subject	Questions	Total_Marks	Duration
1	Quantitative Aptitude, Reasoning, Verbal Ability	40	80	60
2	Programming, Computer Networks, Data Structures, Operating Systems, Computer Architecture	60	120	90

Syllabus

Quantitative Aptitude:
Data Interpretation, Decimal & Fractions, HCF & LCM, Mensuration – Cylinder, Cone, Sphere, Numerical Reasoning, Probability, Problems on Ages, Profit & Loss, Ratio & Proportion, Percentage, Sequence & Series, Time & Distance, Work & Time.

Reasoning:
Alphabet Series, Arithmetical Reasoning, Blood Relations, Clocks & Calendars, Coding-Decoding, Cubes and Dice, Directions, Inserting the Missing Character, Logical Sequence of Words, Number Series.

Verbal Ability:
Adverbs, Antonyms, Articles, Comprehension, Conclusion, Critical reasoning, Grammar, Idioms and Phrases, Synonyms, Verb, Vocabulary, Word groups

Section 2

Fundamental concepts across the following subjects:
Programming, Data Structures, Operating Systems, Computer Architecture, Computer Networks