

TCS NQT Exam Pattern

Name of the Sections	Number of Questions	Time Duration (Minutes)
Verbal Ability	24	30
Reasoning Ability	30	50
Numerical Ability	26	40
Programing Logic	10	15
Hands On Coding 1	1	15
Hands On Coding 2	2	30
Total	92 Questions	180 Minutes

TCS National Qualifier Test Syllabus

Numerical Ability

- Blood Relations
- Algebra, Averages
- Functions
- Series & Progression
- Equations
- Geometry
- Clocks & Calendar
- Number system
- Mixtures & Allegations
- Time & Work, Percentages
- Permutation and Combination
- HCF & LCM
- Time, Speed & Distance
- Profit & Loss

Reasoning Ability

- Number Series – Missing Number Single, Missing Number Analogy
- Data Sufficiency – Rank Based Logic, Ages
- Meaningful Word Creation
- Blood Relations
- Seating Arrangement (Easy)
- Seating Arrangement (Complex)
- Coding-Decoding
- Ages
- Odd Man Out – Numbers, Logical
- Distance and Directions
- Statement and Conclusion

- Analogy
- Mathematical Operational Arrangement
- Symbols and Notations

Programming Logic

- Algorithms: Basic search algorithms and basic sort algorithms.

(tree traversal, dynamic programming, etc)
- Data Structures: Array, Stack, Queue, List (tree, hash table, etc)
- Programming Concepts: Iteration, recursion, procedural vs OOP.
- C Language: Call by value/reference, basic and derived data types, storage classes, scope, and visibility, basics of pointers, basic header files, library functions, branching and looping, command-line arguments, user-defined functions.

Verbal Ability

- Para Jumbles
- Sentence completion
- Cloze passage
- Direct & Indirect speech
- Articles, prepositions

Coding

C/C++/Java/Perl/Python programming language