

TCS NQT- Syllabus 2021

1) Verbal Ability

- Reading Comprehension
- Sentence Correction or Error-Spotting (Covering topics such as Subject Verb Agreement, Pronoun Agreement, Parallelism, Prepositions, Articles, Tenses, Modifiers etc.)
- Sentence Completion
- Para-Jumbles
- Cloze Passage
- Vocabulary
- Phrasal Verbs and Idioms
- Voices and Forms of Speech

2) Reasoning Ability

- Data Arrangements (Linear, Circular and Multi-dimensional)
- Blood Relations
- Coding, Decoding, Series and Visual Reasoning
- Data Interpretation
- Data Sufficiency
- Clocks, Calendars
- Cubes and Direction Sense
- Logical Connectives and Syllogisms
- Venn Diagrams
- Inequalities

3) Numerical Ability

- Permutation and Combination
- Number System
- Probability
- Time Speed and Distance
- Equations
- Geometry, Mensuration and Progressions
- Ratios and Proportions
- Functions, Logarithms and Graphs
- Clocks, Direction Sense
- Profit and Loss, Averages, Mixtures and Alligations
- Puzzles
- Physics
- Base Conversion

4) Programming Logic

- Operators
- Looping statements
- Control statements
- Arrays
- Strings
- Functions
- Object Oriented Programming (OOPS)
- Standard Template Libraries (STL)
- Object Modeling
- Compiler Design
- Threading
- Data Structures: Linked List, Stack, Queue, Trees and Graphs
- Recursion

For this year, do also prepare on:

- Pseudo coding
- Algorithms
- Basic Software Development Cycle

NOTE: - 60% of MCQs in TCS last year were from C++.

5) Coding

The Coding section will consist of 2 questions to be solved in 45 minutes. The questions are expected to be of easy to medium difficulty level.

The exact construct of this section will be:

- 1 Question for 15 minutes
- 1 Question for 30 minutes

The languages allowed will be C/ C++/ Java/ Python 2.7/ PERL.

You are expected to master Fundamentals of Programming in any 1 language of your choice to be able to crack this Coding Section.

