

TCS NQT Detailed Syllabus 2024

TCS NQT Syllabus for 2024 batch is the following given below -

- **Foundation Section**
 - Verbal Ability
 - Reasoning Ability
 - Numerical Ability
- **Advance Section**
 - Advanced Quantitative Ability
 - Advanced Reasoning Ability
 - Advanced Coding Ability

Exam Pattern

Section	Sub-Section	Time	Questions
Part A: Foundation Section Total Time: 75 Mins Mandatory for Ninja Profile	Numerical Ability	25 Mins	20 Ques
	Reasoning Ability	25 Mins	20 Ques
	Verbal Ability	25 Mins	25 Ques
	Part A: 75 Mins		65 Ques
Part B: Advanced Section Total Time: 115 Mins Mandatory for Digital and Prime Profile	Advanced Quants + Logical	25 Mins	15 Ques
	Advanced Coding	90 Mins	3 Ques
	Part B: 115 Mins		18 Ques
Total		190 Mins	83 Ques

TCS NQT IN DEPTH SYLLABUS

Numerical Ability Section:

Topics are:

- **Number System**
 - Number System, LCM & HCF
 - Divisibility
 - Numbers & Decimal Fractions
- **Mensuration**
 - Geometry
 - Area, Shapes & Perimeter
- **Arithmetic Ability**
 - Percentages
 - Allegations and Mixtures
 - Ratios, Proportion
 - Work and Time
 - Speed Time and Distance
 - Profit and Loss
 - Averages
 - Equations
 - Ages
 - Series and Progressions
- **Elementary Statistics**
 - Mean, Median, Mode, Variance, and Standard Deviation
- **Data Interpretation**
 - Pie Charts
 - Tabular DI
 - Graphical DI
- **Simplifications & Approximations**
 - Simplifications and Calculations (Rational and Irrational Number)
- Not asked in past two years:
 - Probability
 - Clocks & Calendar

Level of Difficulty: Easy-Medium

Reasoning Ability Section:

Topics are:

- **Identifying Word**
 - Word Pattern
 - Letter Series
- **Numeric Patterns**
 - Number Series
- **Problem Solving**
 - Seating Arrangements
 - Coding- Decoding
 - Blood Relations
 - Directional Sense
- **Figural and Factual Analysis**
 - Cube Folding, Paper Cuts and Folds
- **Decision Making**
 - Statement and Conclusion
 - Syllogism
 - Data Sufficiency
- **Propositional Reasoning**
 - Logical Venn Diagram Based DI
- **Visual/Spatial Reasoning**
 - Visual Reasoning

Level of Difficulty: Medium

Verbal Ability Section:

- **English Grammar**
 - Word Completion
 - Sentence Completion
 - Error Identification
 - Arrangement

- Formal or Informal Sentences, Sentence Joining
- Meanings
- **Reading Comprehension**
 - Reading Comprehension

Level of Difficulty: Easy-Medium

Advanced Quantitative Aptitude (Advanced Section):

- Averages
- Profit Loss
- HCF LCM
- Permutation and Combination
- Probability
- Geometry
- Mensuration
- Puzzles
- Partnership
- Number System
- Time & Work
- Time, Speed, Distance
- Simple & Compound Interest
- Progressions
- Logarithms

Level of Difficulty: Hard

Advanced Reasoning Ability (Advanced Section):

- Data Arrangements
- Visual Reasoning
- Venn Diagrams
- Syllogisms
- Statement Assumption
- Statement Conclusion
- Seating Arrangements
- Spatial Reasoning
- Puzzles
- Cuts, Folds, Cubes-based questions

Level of Difficulty: Hard

Advanced Coding:

Level of Difficulty: Hard

- All candidates will be required to appear for **both the sections of the TCS NQT**, in order to be eligible for the interviews.
- Based on the test performance, candidates will be shortlisted for either **Digital** or **Ninja** or Prime interviews.
- TCS NQT will be conducted in **TCS iON Centers**.

Tips and Insights for TCS NQT (Based on 2023 Batch Students' Experiences):

Foundation Section Tips:

- Level of Difficulty: Moderate
- Time Management was a major issue for most of the students.
- Many students were not aware that they can switch between the sections for Foundation sections hence wasted time. You should first jump to the section you are strong at and then solve questions from other sections.
- Don't waste more time on a single question. First, solve all the questions and then if time permits you can visit time-consuming questions
- Initially, 2 mins are provided to read the instructions, kindly read exam instructions properly
- The majority of the questions asked in the advanced quant and advanced reasoning section were FUB (Fill up the box) type of questions. There are no options given for such questions and directly you have to enter the answer in the box.
- The coding section had 2 questions. 1st was of medium level (20/25 mins) are provided and the 2nd one was of difficult level (35/30 mins).
- Both coding questions have a separate timer.
- You can select any one language to code between C, C++, Java, Python & Perl.
- Many students were facing Compiler Issues.
- One of the biggest issues was that if you write a code and compile it and you find some errors then you cannot edit the code. You need to reset the code and type again. You cannot even copy your previous code and paste it.

- For the 1st coding question sample input, and output was provided along with 2 open and 5 private test cases. For 2nd coding question, only the problem statement was given.



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