

TCS iON NQT (August 2026): Complete Preparation Blueprint & Roadmap

Target Exam Date: 26th August, 2026 | **Apply Before:** 13th August, 2026

Key Goal: Crack NQT to access **1,600,000+ Jobs** across **4,000+ Top Corporates** (TCS, TVS Motor, Jio, Asian Paints, etc.) with packages up to **19 LPA**.

1. Exam Pattern Breakdown

TCS iON NQT follows a standardized test structure divided into **Foundation** and **Advanced** sections.

General Rules:

-  **No Negative Marking**
-  **Medium:** English
-  **Exam Mode:** Offline at designated TCS iON Authorised Centres
-  **On-Screen Calculator:** Provided in the test system

Test Section	Sub-Section	No. of Questions	Duration
Part A: Foundation	Numerical Ability	20 Questions	25 Mins
	Verbal Ability	25 Questions	25 Mins
	Reasoning Ability	20 Questions	25 Mins
Part B: Advanced (For IT/Tech roles)	Advanced Quant & Reasoning	15–20 Questions	25 Mins
	Advanced Coding	2 Coding Problems	90 Mins

Total		~82 Questions	190 Mins (3h 10m)
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2. Complete Detailed Syllabus

1. Numerical Ability (Quant): Foundation - 25 Mins.

- **Core Topics:** Number System, LCM & HCF, Percentages, Profit & Loss
- **Intermediate:** Ratio & Proportion, Averages, Simple & Compound Interest, Time & Work, Speed Distance & Time
- **Advanced/Modern:** Permutations & Combinations, Probability, Elementary Statistics, Data Interpretation (Pie Charts, Bar Graphs)

2. Verbal Ability (English): Foundation - 25 Mins.

- **Grammar & Usage:** Error Identification, Tenses, Prepositions, Active/Passive Voice
- **Vocabulary:** Synonyms, Antonyms, Idioms & Phrases, Cloze Test
- **Comprehension:** Reading Comprehension passages, Sentence Completion, Para Jumbles (Sentence Rearrangement)

3. Reasoning Ability: Foundation - 25 Mins.

- **Analytical Logic:** Blood Relations, Coding-Decoding, Seating Arrangements (Linear/Circular)
- **Pattern Matching:** Number Series, Letter Series, Analogy, Odd Man Out
- **Decision Making:** Data Sufficiency, Statements & Conclusions, Syllogisms, Distance & Directions

4. Advanced Coding & Quant: Advanced Section - 115 Mins.

- **Advanced Aptitude:** Higher-level DI, Geometry, Complex Permutations, Logical Puzzles
- **Coding Languages:** C, C++, Java, Python, or Data Structures in C
- **Coding Topics:** Strings, Arrays, Searching/Sorting, Dynamic Programming, Recursion, Trees & Graphs



3. Month-by-Month Preparation Roadmap

Week 1 - 2: Concept Building (Foundation)

- └ Target Numerical & Verbal Basics
- └ Learn shortcuts for Quantitative Aptitude

Week 3 - 4: Speed & Logic Enhancement

- └ Practice Logical Reasoning puzzles daily
- └ Solve 10+ Reading Comprehension sets

Week 5 - 6: Coding & Advanced Sections

- └ Practice DSA basics (Arrays, Strings, Recursion)

└ Solve Previous Year Questions (PYQs)

Week 7 - 8: Mock Tests & Revision

└ Take 5+ Full-length Mock Exams

└ Analyze timing per section & weak areas

4. Free & Paid Resources

Official Resources:

- **TCS iON Dashboard:** Free 30+ hours learning material and 1 Free Practice Test upon registration.
- **TCS iON Prep Pack:** Official practice tests on the TCS iON hub.

Free YouTube Channels & Practice Platforms:

- **Quantitative & Reasoning:** IndiaBIX, PrepInsta, FacePrep.
- **Coding Practice:** LeetCode (Easy/Medium), GeeksforGeeks (TCS NQT tagged questions), HackerRank.
- **Free Mock Tests:** Testbook, Unstop, GUVI TCS NQT Practice Portal.

5. Pro Tips to Crack the Exam

Tip 1: Time Management is Everything

Every sub-section has its own timer. You cannot carry forward unused time from Reasoning to Quantitative Ability.

Tip 2: Answer Every Single Question

Since there is **NO negative marking**, guess strategically instead of leaving any question blank before time runs out.

Tip 3: Master the In-Built Calculator

Get comfortable using a virtual mouse-operated calculator on your screen during practice sessions.

Here is a **30-day day-by-day study timetable** tailored specifically to the **TCS iON NQT Exam Pattern (Foundation + Advanced Sections)**.

It allocates daily study slots across **Quantitative Aptitude**, **Reasoning Ability**, **Verbal Ability (English)**, and **Coding/Data Structures**.

Phase 1: Foundation Building (Days 1 – 10)

Daily Goal: 3.5 – 4 Hours (1.5h Quant, 1h Reasoning, 1h English/Coding)

Day	Topic: Quant	Topic: Reasoning	Topic: English / Coding
Day 1	Number System & Divisibility Rules	Number Series & Letter Series	Vocabulary, Synonyms & Antonyms
Day 2	LCM, HCF & Decimal Fractions	Missing Number Analogy & Patterns	Tenses, Prepositions & Articles
Day 3	Percentages & Short Calculations	Coding-Decoding Basics	Active/Passive Voice & Direct/Indirect
Day 4	Ratio, Proportion & Averages	Blood Relations	Sentence Completion & Spotting Errors
Day 5	Profit, Loss & Discount	Distance & Directions	Reading Comprehension (Passage 1 & 2)
Day 6	Simple Interest & Compound Interest	Data Sufficiency Basics	C/C++/Java/Python Basic Syntax & I/O
Day 7	Time, Speed & Distance (Trains/Boats)	Linear Seating Arrangements	Conditional Statements & Loops Practice
Day 8	Time & Work, Pipes & Cisterns	Circular Seating Arrangements	Array Operations (Traversal, Insertion)

Day 9	Equations, Ages & Progressions (AP/GP)	Syllogisms & Venn Diagrams	String Manipulations (Palindromes, Anagrams)
Day 10	Phase 1 Weekly Review	Practice 20 Reasoning PYQs	Solve 3 Basic Coding Problems



Phase 2: Intermediate & Advanced Aptitude (Days 11 – 20)

Daily Goal: 4 – 5 Hours (1.5h Quant, 1.5h Reasoning, 1.5h Coding)

Day	Topic: Advanced Quant	Topic: Advanced Reasoning	Topic: Coding & DSA
Day 11	Mixtures & Alligations	Statements, Assumptions & Conclusions	Searching Algorithms (Linear & Binary Search)
Day 12	Permutations & Combinations	Visual Reasoning & Paper Folding/Cuts	Sorting Algorithms (Bubble, Selection, Merge)
Day 13	Probability Basics & Cards/Dice	Complex Data Arrangements & Puzzles	Two-Pointer Technique Problems
Day 14	Geometry & Mensuration 2D/3D	Decision Making Logic	Matrix Operations (2D Arrays)
Day 15	Clocks & Calendars	Propositional Reasoning	Recursion Basics & Mathematical Series

Day 16	Statistics (Mean, Median, Mode, Variance)	Logical Venn Diagrams in DI	Hashing & Frequency Counting
Day 17	Data Interpretation (Bar/Line Graphs)	Data Sufficiency (Advanced)	TCS-Specific PYQs (Pattern Printing)
Day 18	Data Interpretation (Pie Charts & Tables)	Complex Syllogisms	TCS-Specific PYQs (GCD, Prime Factors)
Day 19	Advanced DI Sets	Complex Puzzles Practice	TCS-Specific PYQs (String Parsing)
Day 20	Half-Length Mock Test 1	Analyze Speed & Weak Areas	Practice 2 Medium Coding Questions



Phase 3: Advanced Section & Coding Mastery (Days 21 – 25)

Daily Goal: 4.5 – 5 Hours (Focus on Digital & Prime Profile Preparation)

Day	Task / Focus Area	Details
Day 21	Advanced Quants & Reasoning	Solve FUB (Fill Up the Box) type numerical & reasoning questions (No options provided).
Day 22	Advanced Coding: Dynamic Programming	Basic DP problems (Fibonacci, Staircase, Subsequence sums).

Day 23	Advanced Coding: Trees & Graphs	Binary Tree Traversal, Graph Representation, BFS/DFS.
Day 24	Speed & Calculator Practice	Practice calculations using on-screen virtual calculators.
Day 25	Mixed Advanced Section Mock	Attempt 15 Advanced Quant/Reasoning MCQs + 2 Hard Coding Questions.



Phase 4: Mock Tests, Time Management & Revisions (Days 26 – 30)

Daily Goal: 3.5 – 4 Hours

Day 26: Full-Length Practice Test 1 (Foundation + Advanced - 190 Mins)

└ Thoroughly analyze incorrect responses and missed concepts.

Day 27: Topic-Wise Weakness Revision

└ Re-visit weak areas in Numerical and Verbal Ability.

Day 28: Full-Length Practice Test 2 (Foundation + Advanced)

└ Focus on question selection and managing section timers strictly.

Day 29: Final Formula & Shortcut Review

└ Quick review of Quant formulas, Grammar rules, and essential Coding templates.

Day 30: Relax & Exam Strategy Readiness

└ Review exam day rules (No negative marking, question locking) and sleep well.

Key Exam Tip: Remember that question-locking is active during the test. You cannot revisit previously answered questions, and there is **no negative marking**, so ensure you attempt every question before moving forward!