TCS

TCS Test Pattern 2022

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| **Part A** | **Cognitive Skills** | |
|  | **Topic** | **Time** |
| 1 | Numerical Ability | 40 Mins |
| 2 | Verbal Ability | 30 Mins |
| 3 | Reasoning Ability | 50 Mins |
| Total | | 120 Mins |
| **Part B** | **Programming** | |
| 1 | Programming Logic | 15 Mins |
| 2 | Hands on Coding | 45 Mins |
| Total | | 120 Mins |
| Total Test Duration | | 180 Mins |

TCS Selection Process 2022

* **Online Assessment Test**
* **Personal Interview**

First, all the candidates have to give the ***Written Test***, the aspirants who clear the test can appear for the ***Personal Interview***. In this round, the candidates can face various questions on the core topics of the subjects specified to your branch. This is the toughest round to clear. So we request the aspirants to prepare for this round by using the TCS Interview Questions. For the reference of the candidates, we have gathered various questions from various sources and arranged them in one place.

TCS Exam Syllabus 2022

The candidates are looking for the exact **TCS Exam Syllabus 2022**on various websites. But none of the sites provided the exact information. To help the aspirants we are providing the complete subject-wise syllabus along with the subtopics in this section. Preparing according to the syllabus definitely helps the candidates to crack the TCS Online Written Test with a good score. Those who prepare by following the**TCS Syllabus 2022 & Test Pattern**can answer any model of questions in the exam.

Part A – Cognitive Skills

Numerical Ability

* Arrangements and Series
* P&C
* Number System, LCM & HCF
* Percentages
* Allegations and Mixtures
* Speed Time and Distance
* Geometry
* Probability
* Ratios, Proportion, and Averages
* Reasoning
* Work and Time
* Divisibility
* Profit and Loss
* Ages
* Clocks & Calendar
* Series and Progressions
* Equations
* Averages
* Area, Shapes & Perimeter
* Numbers & Decimal Fractions

Verbal Ability

* Synonyms
* Antonyms
* Prepositions
* Sentence Completion
* Active and Passive Voice
* Idioms and Phrases
* Spelling Test
* Spotting Errors
* Passage Completion
* Substitution
* Sentence Arrangement
* Transformation
* Sentence Improvement
* Para Completion
* Joining Sentences
* Error Correction (Underlined Part)
* Error Correction (Phrase in Bold)
* Fill in the blanks

Reasoning Ability

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

Part B – Programming

Programming Logic

* Data Types
* Input-Output (based on C)
* Functions and Scope
* Inbuilt Libraries (based on C)
* Variables and Registers
* Command Line Programming
* Pointers
* Call by value/ reference
* Encapsulation
* Virtual and Pure Virtual
* Constructor and Destructor
* Iteration
* Recursion
* Procedural Vs OOPs
* Classes and Objects
* Inheritance
* Abstraction
* Polymorphism
* Stacks
* Queues
* Linked Lists (Singly, Doubly, Circular)
* Trees
* Binary Search Trees
* Graphs (only basics)
* Searching
* Sorting
* Hashing
* AVL Trees
* B Trees

Hands-on Coding

* C++
* Java
* C
* Perl
* Python