



BIZOTIC

For the love of education





TATA CONSULTANCY SERVICES



RECRUITMENT PROCESS



- **Round 1:** TCS Ninja Online Test
- **Round 2:** Interview (Technical + HR)



Round 1: Online Test

Sections	Expected Number of Questions	Duration in minutes
Numerical Ability	26 to 28	40
Verbal Ability	24 to 26	30
Reasoning Ability	30 to 32	50
Programming Logic	10	15
Hands-on Coding	2	45

Cognitive Skills (Part A)

- Numerical Ability
- Verbal Ability
- Reasoning Ability



Numerical Ability Syllabus

- Statistics
- Simplification
- Mensuration
- Profit and Loss
- Percentages
- Work equivalence
- Proportions
- Time Speed and Distance



Reasoning Ability Syllabus

- Data Arrangements
- Data Sufficiency
- Syllogisms
- Blood Relations
- Attention to Detail
- Data Interpretation
- Venn Diagrams
- Percentages
- Statement and Course of Action
- Statement and Assumptions



Verbal Ability Syllabus

- Sentence completion
- Reading Comprehension
- Error spotting
- Parajumbles
- Formal/ Informal language
- Sentence building
- Vocabulary



Programming (Part B)

- Programming Logic
- Coding



Programming Logic Syllabus



- Operators
- Looping statements
- Control statements
- Arrays
- Strings
- Functions
- Object-Oriented Programming (OOPS)
- Data Structures: Linked List, Stack, Queue, Trees and Graphs
- Pseudocoding
- Algorithms
- Basic Software Development Cycle

Coding Syllabus

- Data types
- Operators
- Arrays
- Strings
- Decision Making
- Looping
- Functions
- Scenario-based questions



Coding Pattern

- Languages: C / C++ / Java / Python / PERL.
- Important: Fundamentals of Programming
- To crack this section, one must try to clear all of the given test cases.



Round 2A: Technical Interview



- Blockchain Technology
- Hidden layers and Backpropagation
- Important libraries of python for machine learning
- AI (Artificial Intelligence) and ML (Machine Learning)
- AR (Augmented Reality)
- Big Data analytics
- Classification and Regression Problem
- Cloud Computing and Cloud Services
- Cyber Security
- Data Structures & Algorithms (Dynamic programming, backtracking, etc)
- DBMS
- Deep learning
- Difference between Interface and abstract class
- Do you know any design technique? Explain.
- How garbage collection work in Java?

Round 2A: Technical Interview



- If return statement in try block then finally is executed or not?
- Inheritance, Encapsulation
- IOT (Internet of Things)
- Exception Handling
- Multithreading in Java
- Operating Systems
- Overriding and Overloading
- Pre Increment and Post Increment
- Slicing and striding in python
- SQL
- Static Class, Static method, Static variables
- Supervised and Unsupervised Learning (ML Topics)
- Why do you used Python in your project, why not R?
- Why Multiple inheritance is not supported in Java?

Round 2B: HR Interview

Some of the questions that asked are:

- Tell us about yourself
- Why should we hire you?
- What skills in you makes you eligible for TCS Digital?
- What are your long-term goals?
- Would you be willing to relocate?

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Wishes you
All the best!
For your placements

