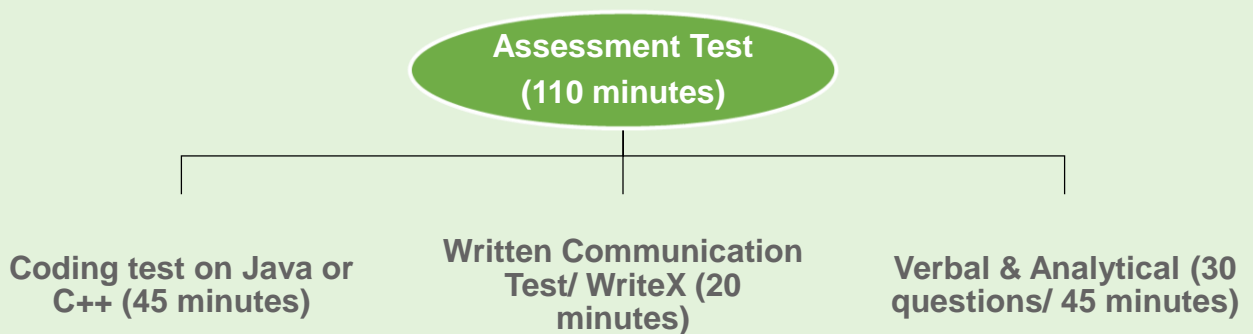




Wipro Engineering Online Test Curriculum

Every eligible candidate must go through below online assessment (110 minutes).



English

- ✓ Vocabulary
- ✓ Grammar
- ✓ Comprehension

Logical Ability

- ✓ Deductive Reasoning
- ✓ Inductive Reasoning

Quantitative Ability

- ✓ Basic Mathematics
- ✓ Applied Mathematics
- ✓ Engineering Mathematics

Coding (Java and C++)

Data Structure Concepts	
Array and Matrices	1D array
	Array Rotations
	Arrangement and rearrangement of elements of array
	Properties of matrices
	Inverting matrices
	Transpose of the matrix
Linked list	Basic operations on linked list
	Circular linked list
String processing and manipulation	Basic string operations
	Pattern searching
Stack/Queue	Basic stack operations
	Basic queue operations
Sorting and Searching	Linear and binary search
	Various sorting concepts

Advanced Design and Analysis Techniques	
Greedy Algorithms	Activity-selection problem
	Fractional knapsack
Minimum Spanning Trees	Kruskal
	Prim
String Matching	Naive string-matching algorithm
Divide and Conquer	Sorting algorithms
	Binary Search
Computational Geometry	Line-segment properties
	Intersection of line segment

WriteX

This test evaluates the candidate's written English. The candidate has to write an essay on a given topic (100 – 400 words).



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