



All India SDE test series

Get referred to top tech companies

🕒 10-week program

💰 499 INR

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st Test Syllabus

Active Date: 18th May 2019, **Active till:** 18th May 2020

Theme: My Innings Starter

Topic #1 - Logic building for programming

LOGIC

Logic building for programming includes questions that will ask you to:

- ✓ Think and apply underlying logic for a given real-world problem/puzzle.
- ✓ Logically solve real-world problems/puzzles using pseudocode.
- ✓ Generate code in (C/C++, Java, Python) to solve real-world problems/puzzles.

Topic #2 - Logical reasoning.

LOGIC

Logical reasoning includes questions that ask you to:

- ✓ Establish logical relations between various events through logical reasoning.
- ✓ Solve syllogism-based problems to derive a correct conclusion from given premises.

Topic #3 - Core computer science - Data structures.

DS

Data structures includes questions that ask you to:

- ✓ Identify primitive data structures and abstract data structures and apply them into coding.
- ✓ Understand how data structures are defined and how they are allocated memory

Topic #4 - Core computer science - Algorithms.

ALGORITHMS

Algorithms includes questions that ask you to:

- ✓ Design algorithm/pseudocode for a simple real-world problem.
- ✓ Solve problems using search and sort algorithms.

Topic #5 - Core computer science - Dynamic programming.

DP

Dynamic programming includes questions that ask you to:

- ✓ Answer what exactly dynamic programming is.
- ✓ Identify problems that can be solved using dynamic programming.

Topic #6 - Core computer science - System design.

SYSTEM DESIGN

System design includes questions that ask you to:

- ✓ Understand the design logic of globally popular products like Google Drive, Uber and Dropbox.

Topic #7 - High-order thinking.

HIGH ORDER THINKING

High order thinking includes questions that ask you to:

- ✓ Read a case study and analyze it holistically to answer some open-ended questions.

Topic #8 - Communication and cognitive skills.

COMMUNICATION

Communication and cognitive skills includes questions that ask you to:

- ✓ Answer workplace-like situational or scenario-based questions that involve best practices for communication.

Topic #9 - Tech interview round & tech puzzles.

TECH INTERVIEW

Tech interview round & tech puzzles includes questions that ask you to:

- ✓ Answer common technical questions asked from candidates' recent projects.

Topic #10 - HR interview round & business puzzles.

HR INTERVIEW

HR interview round & business puzzles includes questions that ask you to:

- ✓ Answer common HR round questions asked in most interviews.