

Round 1 | Technical (MCQ's) pen paper based test

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Te Pranto

Part 1:- 1 to 29 question on C, Cpp

Part 2:- 30 to 45 question on Java

} Total 45 Question time 1 hour

- ① GK on programming language :- eg (which is not a type of construct in Cpp) 4-5 ques
- ② Questions on OOPS concept :- 4-5 questions
- ③ Question on Exception handling :- 1-3 questions
- ④ What is the output of the following program :- 10 to 15 questions

Round 2:1 | Technical Programming Test/Logic Test

7 questions (Any language or algorithm)

- ① WAP to implement overloading and overriding
- ② Create a calculator using Cpp classes
- ③ WAP to implement any sorting technique
- ④ WAP to reverse string using recursion

⑤

```
1
2 3
4 5 6
7 8 9 10
...
```

⑥

```
  *
 * *
* * *
* * * *
* * * *
 * * *
  * *
```

⑦ Write an algorithm to make a deskay cross the road.

Round 2.2

Technical + HR

- ① What is recursion
- ② What is abstraction, encapsulation
- ③ What was your project
- ④ Why did you use Spring MVC. What is MVC
- ⑤ What was the problem with struts
- ⑥ What was your contribution in project
- ⑦ How do you start / what steps you take when designing database
- ⑧ What is normalization
- ⑨ How do you optimize data retrieval from database
- ⑩ How do optimize core statements
- ⑪ What is indexing
- ⑫ Why CDAC
- ⑬ Why were you not placed from your ^{engineering} college
- ⑭ How many interviews you have given
- ⑮ Why were you not placed in the other companies you ~~have~~ gave interview
- ⑯ ~~Why did you~~ Which CDAC centre are you from
- ⑰ Why did you choose VITA and not MET