

## Namrata (MORNING STAR)

Q1 Give me introduction about yourself.

Q2 Different types of join

Q3 was given a table asked me to normalized ~~it then~~  
~~asked me to~~ & to tell at which level of normalization it's

Q4 what is normalization & why there is a need of normalization

Q5 If bubble an array is already sorted then what its complexity if we use bubble sort

Q6 fibonacci using recursion.

Q7 what you know about java 8.

Q8 what is default method? what is its use

Q9 Give me an example of stream api & write that example

Q10 @JS & @DBMS is server based

Q10 why http is stateless.

Q11 If http is stateless then how <sup>during</sup> login procedure remembers input username & password & show whether it's correct or not

Q12 Give me some protocol & specify port no. of them

Q13 ~~How~~ ~~The~~ No. of ~~p~~ Total Port No.

Q14 what is TCP & UDP? what is difference between them? which contain IP? which is faster?

Q15 Give me a query ~~to~~ to give 2<sup>nd</sup> highest salary

Q16 ~~For~~ Difference between Primary key & unique key

Q16 Do unique allow null?

Q17 Are two null in a column are same or different

Q18 At which layer of OSI Http, IP, TCP come.  
Draw & show OSI layer.

Q19 Give me example of polymorphism in banking sector

Q20 what is cross-site scripting

Q21 ~~Can we~~ pointer based question. How pointer points to string.

Q22 Can we change reference & pointers value

Q23 ~~Be~~ why you joined CDAC

Q24 why you choose to be CS engineer

Q25 Being a event coordinator what all challenges you faced

Q26 Being a vice ~~to~~ TL during project what roles did you play.

## ① Technical Round 1

Q - Tell me something about your project

Q - What is static keyword and where all it is used (Java)

```
Q. class A
{
    static
    {
    }
    main AC()
    {
    }
}

class B extends A
{
    static
    {
    }
    BC()
    {
    }
}

main()
{
    A b = new BC();
}
```

What is How will the execution of static block will take place as well as execution of constructor.

Q How to do you get the data from the database on the jsp.

Q what are triggers?

Q write a query to fetch the details of employee only of HR department.

Q Syntax for foreign key.

Q Explain ~~that~~ s

Q. what does it mean by Immutable (String)

Q. Polymorphism explain

Q- Hierarchy of collection.

## ② Technical Round - 2

Q- Explanation of BE project

Q- How to traverse through the ArrayList

Q- How many methods are there in Serializable interface

Q- What is transient keyword

Q- Difference between List and Set

Q- What are your aspiration?

Q- What was fascinating in CDAC

## ③ HR Round

Q- How CDAC happened to you?

Q- How was the experience in CDAC

Q- What is your strength

Q- Being ~~you~~ a Team Leader how you manage your team

Morningstar

Aniket Ahmed

- ① oops concepts
- ② Explain your .Net project
- ③ what is application variable.
- ④ what is partial class and partial view?
- ⑤ Explain session and cookie.
- ⑥ How did you use layout?
- ⑦ write ajax code for validation in your project
- ⑧ How did you know whether it was an ajax request?
- ⑨ Normalization all with examples



## ATINKYA & RATANE MORNING STAR Questions

- 1] All details about your project? Including...  
What you have used & why you have used
- 2] OOPS Concept.
- 3] What is inheritance? Why do we use inheritance?
- 4] What is Encapsulation and how do we achieve Encapsulation?
- 5] What is abstraction?
- 6] What is super keyword
- 7] Difference between final & finalize method.
- 8] What is Dynamic Polymorphism?
- 9] What is Compile time Polymorphism
- 10] How can you achieve overloading and overriding.

## Second Interview:

Puzzle: →

- 1] If 10 batsman in a match got out on the first 10 balls then which No batsman is Not out
- 2] You have three sacks each filled with 30 Coconuts. You have to travel from Point A to Point B. In between there <sup>are</sup> 30 tolls, On each toll you have to give one Coconut for each sack. i.e 3 Coconuts on each toll as a toll tax, how much maximum Coconuts can you save?

3] you are provided with a cake, you have to cut the cake in 5 pieces. But you cannot lift the knife. how will you cut the cake.

4] You are provided with two buckets. One of 3 litres and another of 5 litres. You have enough water in your well. You have to count 4 litres of water by using these two buckets. ?

Data structure :->

1] Implementation of singly link list.

- i> Add Node in front
- ii> Add Node at back
- iii> Add Inbetween.

2]

You have an array of 1001 elements ~~you have to store the stored with -3000 to 4000~~.  
Stored with first  $N$  Natural Numbers.  
Out of which one element is missing.  
how will you find out which of the elements is missing. ?