Technical:

Introduce yourself.

Tell me about your projects & explain one project, what was your role in it?

Difference between Schema & Table.

Difference between Delete & Truncate.

Types of keys used in SQL & their uses.

Table 1 contains a primary key & 2nd table contains a foreign key. If we delete the primary key from Table 1 then what will happen? Can we delete a primary key from a table?

There are 2 tables, write a single query to select name=”Name1″ and id=”id1″ from table 1 and id=”id1″ from table 2.

Types of joins in SQL.

Difference between C & C++.

What is object-oriented programming?

Given a simple Decimal to binary conversion code to do in C++(Preferred language).

Which language is preferred nowadays & why?

Why do we use HTML5 today instead of previous HTML versions?

Managerial:

What new things have you learned during these 5-6 months in lockdown?

Define the top 2 qualities of leadership.

Define the vision for a leader in 2 pts.

If another company is offering you a higher CTC than us will you choose TCS then?

Why do you want to join TCS?

Why you choose Java?

Java vs C++?

What are the 4 pillars of object-oriented programming (OOP) ?

What is Constructor and its types?

Why Java does not support multiple inheritance?

Explain the difference between abstract classes and interfaces in Java.

What is the Java Collections Framework?

What are Java annotations? How are they used in Java programming?

What are the new features available in JAVA-8?

What are the types of joins in SQL?

Asked me to write query for outer join.

HR:

Why do you want to work for our company?

How do you handle pressure and stress?

How do you prioritize tasks when you have multiple deadlines?

How do you handle conflicts or disagreements with coworkers?

Can you describe a time when you had to learn a new skill quickly?

Are you willing to relocate?

Are you ready to work on any technologies?

Do you have any questions for us?

Q1. They Ask. Introduce Yourself With Your Complete Technical Details?

I answer it.

Q2. Tell me about your project?

I answer it and explain different modules of my project. as my project is live so i mention link of my project in my explanation.

Q3. Are you working on any project?

I answer it and explain basic details of my current project.

Q4. As you are from CSE Background. Which programming language you know?

I answer C, C++, Java, Python.

Q5. Rate yourself in each programming language on scale of 5?

I rate myself.

Q6. Some Basic C & C++ questions like(Difference between c & c++, What is Class, Virtual Function, Prototype of virtual function, why we use virtual function, define and explain access specifiers why we use it etc)

I answer all of her question

Q7. What is virtual Table?

I did not recall the exact answer at that time so i say sorry i didn’t know. she smile and ask another question but few minutes latter i recall the exact definition of Virtual Table(i.e View in DBMS) and i ask her to tell answer of last question she agree and smile again. That’s all about TR Round.

MANAGERIAL ROUND(MR)

Mr ask only one question.

Q. How you will face and manage challenges that comes when you work in an it industry?

I answer It.He just only want to check your mental ability and thinking skills.

HUMAN RESOURCE ROUND(HR)

My HR Round Was Quite Good.(She is very friendly)

Before my interview i am nervous but after talking few minutes with hr i am confident.

She ask several questions some of them are following.

Q1. Why we should hire you?

Q2. Tell me about your family background?

Q3. What is your weakness? How you will overcome from it?

Q4. What will you do if we did not hire you today.

i explain it and come with a conclusion that most probably i will hired today.

Q5. Tell me about TCS etc…

And last she ask.

I there any question?

I asked her that.What an IT industry expect from fresher?

She explain it for almost 2 to 3 minutes.

Tell me about yourself: I told him my marks and told him I am interested in Web development and told him about my internship and projects.

Difference between HTTP and HTTPS?

In which programming languages are you good at?: I told java and python.

Difference between JAVA and Python.

What were the challenges faced during the Internship?

What is the HTML code to print “Hello TCS”: He just asked me to tell, but for some of my friends they asked to type it in the text editor.

What is CSS?

What is Bootstrap?

What is JSP?

Are you familiar with using UNIX?: I answerers Yes.

What is the command used to copy the file? (Not answered)

What all other commands you know?

What is a database?

How is data stored in the database?

What are group by and aggregate functions in the database?

Are u not interested in programming? I answered Yes.

Have you written any java programs? I answered that I have not written in my projects and internship, but we had labs and I have used in labs

What is a class, What are the data types?

Note: I was not asked to write any programs, but they may ask.

MR Round:

You have scored such good marks in your engineering, Are u not interested in Higher Studies? (My CGPA was 8.95)

What do you know about TCS?

Which is your favorite subject?

What are your aspirations?

That’s all for MR

HR Round:

You mentioned that your favorite subject is java, can you work on different projects other than java?

Are you ready to relocate?

Are you ok with night shifts?

You have to work from home or come to the workplace, Are you having any problems?

There is a service agreement stating “You have to work in TCS for at least one year or pay 50K”. Are you willing to sign the service agreement?Brief Introduction of Myself

Four concepts of OOPs with example

Friend Function

Class and object with real-life examples.

Normalisation in DBMS

Normal Forms(2NF and 3NF).

Final keyword in Java

Function overloading and overriding

Then he asked me to explain the logic of some coding questions verbally like,

Reverse Array

Frequency of character

Sum of array elements

After this, he asked me to explain my projects and then do not cross questioned on them (normally everyone does- so be prepared for it). The source for preparing some of the above questions

Why TCS?

Are you ready to relocate?

Do you know oops concepts?

Explain polymorphism.

Explain inheritance.

Types of Join.

If you got your personal work that is same important as office work then what will you choose?

What is your objective?

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HR:

Are you available to work at any job location across India?

Are you open for any job shifts (Day/Night)?

If someone is at your home and you are in Chennai and you have to deliver a presentation to an important client the same day, what will you do in such a situation?

Will you do any higher studies after B. Tech?

Do you want to ask any questions?