

REPORT CONCERNING QUESTIONS ASKED IN PLACEMENT(2023-2024)

RELIANCE

- Pritam bhaiya:

1. Common suggestions:

They basically focus on the project you did, and topics like Iron and Steel Making, Corrosion, Mechanical Properties and testing, physical metallurgy, Fe-C phase diagram in depth, Welding- it's types.

2. OT Questions:

There were 4 to 5 sections:

And only the last section was core, rest where general Aptitude and English question sections.

Questions revolve around the topics I mentioned above.

3. Interview Questions:

1. My project was based on Iron making so he asked me questions on DRI process like explain the process in detail, why did you choose this project, why do we add coal from both sides, and some more questions based on project.

2. Then asked what is Stress Corrosion Cracking and Pitting Corrosion.

3. What is difference between Creep and Fatigue and how do we test it.

4. If given a sample of tube, what all test will you do, to understand the properties of the sample and its applications.

5. Which welding type is used for joining Brass, Bronze and Cu sample together.

6. What are Non Destructive Testing techniques and asked to explain how it is used?

7. What are the defects in welding and how do we identify those.

8. They asked me some HR questions in 1st round as well, like have you handled any emergency situation and how.

9. What were some of your contribution as an individual, different than what is usually done, being a Student Placement Coordinator.

10. Are you aware about Fe-C phase diagram?(he did not ask me any detailed question on this but was asked to some of my friends)

11. Why do you want to join Reliance?

12. What do you think you will do at Reliance, as it does not have any manufacturing plant, so he basically told about the work which we will be doing there.

- Lovin Singh

1. Interview Questions:

There were 2 rounds Technical and HR.

For Tech they basically asked questions related to my internships and some core questions...they also asked me for which companies I have given interview... I told them HPCL , BPCL and L&T. And they framed similar ques like what was their salary and other stuff. They asked like whether I am having plans for higher study etc

My intern was related to the core only..

It was a Bridge project of NHA I so they asked like what were ur roles there...

I told that I was responsible for material testing and quality check

Then they asked what tests u have done

I told the names of the tests.....then they asked questions from those tests like flakiness and Elongation test, impact value test, sieve analysis, sp gravity test , cst test etc

Then they asked fav subject I told Fluid mechanics and foundation engineering....they didn't asked any ques from fm....they only asked ques from FE....like types of foundation and then what are the basic steps in construction of foundation

For HR

1 Intro including ur academic details and achievement in 4 year, family background, hobbies etc

2 strength and weakness

3 short term and long term goals

4 do u have plan for higher study

5 do u want to do any business in future

6 and then some situation based questions

2. OT Questions:

6 sections were there

- Krishna Yennisetty

Interview Questions:

Started with my btech thesis and research project, discussion about their applications and future steps for these projects (went on for a good 15 min), after that was asked about what reference books I referred for the course subjects, when I told that I don't refer any books, was asked how do I approach a course (somewhat a behavioral question, must answer carefully with proper reasoning) , next moved on to other projects on my resume, then was asked which subject was I confident in, I answered power systems, for which the interviewer asked me whether I had knowledge on all parts of power systems namely generation, transmission, distribution, told I am more knowledgeable in transmission , but would try my best to answer others, was asked about different voltage levels, need for higher voltage level for transmission, different losses associated with transmission lines, materials used, protection and insulation used, Ferranti effect (causes, why more in long tx lines compared to short, compensation and its types (static and dynamic), material used in tx lines, corona effect (cause, losses due to it, protection used for it),difference between transmission and distribution line, distribution voltage level, types of distribution networks, contents of substation, protection used,

process of generation in thermal and hydro power plants (whole process), generation voltage levels, reasons, Insulation used in generating machines, synchronous and asynchronous machines and examples, what motor is used in traction, explain and draw with torque and slip curve, what power system components are used in traction.

OT questions:

Mcq type questions .

3 sections of aptitude and 3 sections of technical.

Total duration was 2 hrs.

- Sanjay

Interview Questions:

Vector group of transformers ?

What is DYN11 ?

What is acetyl test of transformer ?

Apart from short circuit and open circuit test what are the tests done on transformer?

What is crowning effect ?

Characteristics of DC shunt motor?

Where is short circuit and open circuit test done on transformer ?

Why oil is used as coolant not water ?

What happens if water is used as coolant in transformer?

Slip of synchronous motor?

What is slip ?

How 3-phase induction motor starts ?

What are losses in transformer ?

Explain about eddy currents and hysteresis losses ?

Hr :

Explain briefly about your strengths weaknesses and

PORs and how you overcome your weakness?

OT Questions:

Aptitude followed by core, there were 2 aptitude and

2 core sections.