**TnP Question Bank for the forthcoming batches** (upload at – bit.ly/QuesBank18)

You are requested to mention the following details in the best possible manner for the junior batches to have an upper hand during their placements. Pls feel free to add any other sections that you deem fit.

**Name - KARTIK AHUJA** **Enrolment No.** - 9915103046 **Batch** - F2.

**Contact No. -**  **Company’s Name and Profile** - SAP LABS Intern

**Technical Questions** (Mention below all the technical questions asked during the interview and coding/technical round):

**Online Round**

The test was of 1 hour and comprised of 20 questions spread across OOPS, Java(Important Data Structures default functions like Priority Queue poll and offer functions), 2 aptitude questions and 2 coding questions

1. Write a program to check if a number is the power of 2.
2. It was a question related to OOPS. We were given a class animal with a constructor and a function. We had to create three class Dog, Cow, Duck and we had to override the function to print their name and also call the constructor of the base class when an object of class Dog, Cow or Duck was called. (In java I used super to call the constructor of the base class).

61 students were shortlisted out of 248 students.

**TECH 1**

As many students were selected therefore Tech 1 was written and not f2f.

1. To find the sum of all numbers(numbers not digits) occurring in a string.
2. To find a given number in an integer array and print it. If not present then print the number which is next greatest to it.They basically checked test cases and complexity of the codes.

Around 30-35 were selected.

**TECH 2(F2F):**

Write an API for an ecommerce site to manage the payment gateway. Focus was on error handling if amount is debited but it is not reflected on our system.

Read an excel file where each row contains name, email, items, amount, address, etc. Generate receipt in pdf and mail them to all the customers.

Explain 3NF with example

Draw ER diagram

10-15 SQL queries

Diamond inheritance problem use of virtual function

After giving this question interviewer left the room and came back with sheet of paper with Nodejs question (as it was on my resume and I didn’t knew Java)

Console.log with setTimeout ques

Then he opened google and asked few more simple questions on nodejs

My interview was of 1.5 hrs but other students were having interview of 30-40 mins.

**HR Questions** (Mention below all the HR/Non-technical questions asked during the interview):

The HR panelist asked me to explain everything in my CV. She then asked me about what did i know of SAP and its products. Later for a major part of this round she explained different products of SAP and made me understand how SAP influences people.

Any other tips for juniors: Be patient

In Online round focus more on coding questions.