

ACCOLITE DIGITAL INTERVIEW Experience

Selection Process (There Are 3 Round):

- a) MCQ Round.
- b) Coding Section.
- c) Interview: 1) Technical Round.
2) HR Round.

Technical Round:

- 1) What is normalization?
- 2) Why to do normalization?
- 3) Explain BCNF
- 4) Explain OOP Concepts.
- 5) Explain one of your projects.
- 6) Any questions for me?

DSA:

- 1) Which data structures have you used in your projects?
- 2) Given a code, tell the time & space complexity.
- 3) Any Questions for me?

☒ **JAVA:**

- 1) What is the use of Static keyword?
- 2) Can we create an object of static class?
- 3) Many tricky questions on static were asked.
- 4) Why is Multithreading done?
- 5) How can we do multithreading in java?
- 6) Difference between a process and a thread.
- 7) How does HashMap works internally?
- 8) Tricky questions on Inheritance & Polymorphism were asked.

☒ **Operating System:**

- 1) What are semaphores?
- 2) Difference between mutex & binary semaphore.
- 3) Race Condition in OS.
- 4) What is deadlock?
- 5) How to prevent deadlock?
- 6) Why do we do synchronization?
- 7) Types of scheduling algorithms and implementation of Round Robin.

☒ **DBMS:**

- 1) Why is DBMS preferred over file systems?
- 2) Name and explain types of Joins.
- 3) 5 queries were asked
- 4) Nth Highest Salary
- 5) 2 Queries on joins
- 6) 2 queries on subquery.
- 7) What is Normalization? Why to do it? Explain 2NF, BCNF.
- 8) What are Functional Dependencies?

9) What is indexing?

10) Types of Indexes.

HR Round:

1) Introduce yourself.

2) Why did you choose engineering?

3) What are your strengths & weaknesses?

4) What will you do if your team is not able to perform well / below your expectations?

5) How will you resolve a conflict in your team?

6) Explained me about Accolite Digital.

7) Any Questions for me?

NOTE:

1) In the technical round, before coding, think-aloud all the approaches you can think of starting from Naïve till efficient one.

2) Visit their website to know more about the company.

3) Be calm & confident while answering the questions.

4) Always ask relevant questions to the interviewer when he/she asks,
Do you have any questions for me?