

# DXC Technology Interview Questions For Freshers



## DXC Technology Technical Interview Questions

1. What is the difference between Abstraction and Interface?
2. What is Encapsulation in Java?
3. What are the layers of the OSI model?
4. What is the purpose of DESC in SQL?
5. Write a java program to print the Fibonacci series.
6. Write a Java program to print the given pyramid  
1  
12  
123  
1234  
12345
7. Name the major data structures used in RDBMS, Network data model & Hierarchical data model.
8. How does swapping result in better memory management?
9. What is the time complexity of basic operations get() and put() in HashMap class?
10. What is the requirement for an object to be used as a key or value in HashMap?
11. What is Coupling in OOP and why it is helpful?
12. What is the difference between preemptive and non-preemptive scheduling?
13. Which operator in SQL performs pattern-matching?
14. What is Compile time Polymorphism and how is it different from Runtime Polymorphism?
15. What are the limitations of inheritance?

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16. What are tree traversals?
17. What is the maximum number of nodes in a binary tree of height  $k$ ?
18. Describe the objective of multi-programming.
19. What is ER Model?
20. Explain your major project.
21. What happens if a non-recursive mutex is locked more than once.
22. Give some benefits of multithreaded programming?
23. What is the best page size when designing an operating system?
24. What is preemptive multitasking?
25. Can you create an instance of an abstract class?
26. What are the differences between copy constructor and assignment operator?
27. What is static polymorphism?
28. What is the difference between the Operating system and kernel?
29. What is machine learning and how people would make predictions before machine learning came into existence? Copyright to <https://www.freshersnow.com/>
30. Explain the process behind storing a variable in memory.
31. What are the applications of graph data structure?
32. What is the difference between the Breadth-First Search (BFS) and Depth First Search (DFS)?
33. How much memory does a class occupy?
34. Give a real-world example of polymorphism?
35. What is the booting process in a computer?

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**36.** How will you install a new operating system on your computer? Have you ever installed an OS on your computer?

## DXC Technology HR Interview Questions and Answers

### 1. Walk me through your resume/ tell me about yourself

This is the first question that any interviewee will be facing in the HR Interview. This question will be asked to make you guys comfortable and to reduce your nervousness. Therefore, you can respond by covering all the details that you have mentioned in your resume. Briefly explain to the interviewer about your Career Objective, Academic Qualifications, Responsibilities you have taken up, Academic Achievements, Certification Courses you have taken up, Your Strengths & Weakness. Further, while answering don't give robotic or copied answers which don't match with your resume.

### 2. Tell me about your academics and if you have any backlog.

You can start from your recent passed out educational qualifications (The specialization you took, Percentage, Or the College you have studied from). Further, you can also add how you are as a student. Whether you are a studious/ above average student/ below average. And to answer any backlogs, you need to be genuine and don't be anxious. You can explain how many backlogs you have, and how many you have cleared and how you are preparing yourself to finish the remaining backlog. Don't avert from answering this question, even if you respond by saying you are having these many backlogs, the interviewer will only see your potential & talent outside your academic area and hire you for the particular job. Copyright to <https://www.freshersnow.com/>

### 3. What are your strengths and weaknesses?

By asking this question, the interviewer will want to know about your personality. Therefore, you can respond by saying "My strongest point is my positive attitude. Even if things don't go the way I've planned out, it doesn't bother me. I will take it in my stride and reflect on what went wrong & rectify it. Moreover, I try to avoid doing the same mistake twice and it shows how meticulous I'm while doing things." And coming to weaknesses you can point out your greatest strength as your weakness too. That means, for instance, you can convey how being meticulous bothers you at the time of the deadline or when you need to submit your work without proofreading.

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## 4. Have you had any gaps in your academic years?

There can be many valid and genuine reasons for having gaps in the academic year. Therefore, you need to convey the same to the interviewer. For example, some people take a gap of a year due to personal/ health reasons, so tell the interviewer why you took it and how you revived your health during that time. And if in case you took a break to prepare for Government/ Central Government exams and are still not qualified for it you can convey to the interviewer how you used your break productively and what you have learned to upgrade your existing skills.

## 5. Would you like to ask any questions?

Asking questions to the interviewer shows your interest. And also after continuously asking questions, the interviewer may find it monotonous so in order to break it they may pose this question. So, instead of saying "No, I don't have any questions" you can ask them any queries that you have about the company/ How his experience working for the company so long/ Or training programs they give for employees to prosper in their career, etc.

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