

Unisys Interview Preparation with Questions

Unisys is a global IT company offering services in enterprise computing, cloud infrastructure, cybersecurity, and digital workplace solutions. Their interview process is structured to evaluate candidates on technical skills, problem-solving abilities, and cultural fit. Below is a detailed guide to help you prepare effectively for the Unisys interview process.

Unisys Interview Process Overview

The Unisys recruitment process typically consists of the following stages:

1. Online Assessment

- **Structure:**
 - **Aptitude Section:** Quantitative aptitude (percentages, time & work, profit & loss), logical reasoning, and verbal ability.
 - **Technical MCQs:** Covers computer science fundamentals like data structures, algorithms, operating systems, DBMS, and networking.
 - **Coding Section:** Solve 1–2 coding problems in languages like C, C++, Java, or Python.
 - **Output-Based Questions:** Focuses on predicting the output of given code snippets.

Sample Questions:

1. Write a program to find the intersection node of two linked lists.
2. Solve a logical puzzle involving seating arrangements.
3. What is the output of the following C++ code snippet?

2. Group Discussion (GD)

- **Purpose:** Evaluates communication skills, leadership qualities, teamwork, listening skills, and general awareness.
- Candidates are given a topic (e.g., current affairs or abstract topics) and asked to discuss it in a group setting.

Tips:

- Be confident but avoid dominating the discussion.
- Structure your points clearly and contribute meaningfully.
- Respect others' opinions and listen actively.

3. Technical Interview

This round assesses your technical expertise and problem-solving abilities.

Key Topics:

1. **Programming Skills:**
 - Proficiency in C++, Java, or Python.

- Writing efficient algorithms for given problems.
2. **Data Structures & Algorithms:**
 - Arrays, linked lists, stacks, queues.
 - Sorting algorithms (merge sort/quicksort).
 - Searching algorithms (binary search).
 3. **Database Management Systems (DBMS):**
 - SQL queries (joins, aggregate functions).
 - Normalization concepts.
 4. **Core Subjects:**
 - Operating Systems: Deadlock scenarios, scheduling algorithms.
 - Networking: TCP/IP protocols and OSI model.

Sample Questions:

1. What is the difference between mutex and semaphore?
2. Write an algorithm to calculate x^y in $O(\log y)$ time complexity.
3. Explain the dining philosophers problem and how it can be resolved.
4. How would you prevent deadlocks in a multi-threaded system?

4. HR Interview

The HR round evaluates your personality traits, communication skills, and cultural fit within Unisys.

Common HR Questions:

1. Tell me something about yourself.
2. Why do you want to work at Unisys?
3. Where do you see yourself five years from now?
4. Describe a challenging situation you faced during a project and how you resolved it.

Tips:

- Use the **STAR Method** (Situation, Task, Action, Result) to structure your responses clearly.
- Research Unisys's values and recent projects to align your answers with their goals.

Key Topics for Preparation

Technical Topics

1. **Programming Basics:**
 - Syntax-based questions in C/C++/Java/Python.
 - Writing simple programs like palindrome checks or sorting arrays.

2. **Data Structures & Algorithms:**

- Linked lists: Insertion/deletion operations.
- Trees and graphs: Basic traversal techniques (DFS/BFS).

3. **Database Management Systems:**

- Writing complex SQL queries involving multiple tables and conditions.

4. **Operating Systems:**

- Concepts like critical section problems, semaphores, deadlocks.

Behavioral Topics

1. Teamwork: Examples of collaboration in challenging situations.
2. Leadership: Times when you stepped up as a leader in your team or project.

Frequently Asked Questions Across Rounds

Online Assessment

1. Write code to find the missing number in an array containing numbers from 11 to nn .
2. Solve logical puzzles involving directions or patterns.

Technical Interview

1. What are ACID properties in DBMS? Explain with examples.
2. How does quicksort differ from mergesort? Explain with examples.

HR Interview

1. Why should we hire you over other candidates?
2. What is unstructured data? Provide examples.

Preparation Tips

1. **Practice Coding Regularly:**

Use platforms like HackerRank or LeetCode for coding challenges related to data structures and algorithms.

2. **Mock Interviews:**

Simulate technical and HR interviews with peers or mentors to build confidence.

3. **Research Unisys:**

Familiarize yourself with Unisys's services (e.g., digital workplace solutions), values (e.g., integrity), recent achievements, and competitors.

4. **STAR Method for Behavioral Questions:**

Structure responses clearly by outlining the situation, task, action taken, and results achieved.

5. **Group Discussion Practice:**

Stay updated on current affairs and practice speaking confidently on abstract topics such as "Technology vs Humanity."

Sources

1. [GeeksforGeeks – Unisys Recruitment Process](#)
2. [Glassdoor – Unisys Interview Questions](#)
3. [Indeed – Unisys Interview Experiences](#)
4. [Freshersworld – Unisys Placement Papers](#)

By following this structured preparation plan and practicing consistently across technical concepts and soft skills, you can significantly enhance your chances of success in the Unisys interview process!

Citations:

- [1] <https://www.geeksforgeeks.org/unisys-recruitment-process/>
- [2] <https://www.glassdoor.co.in/Interview/Unisys-Bangalore-Interview-Questions-EI-IE692.0,6-IL.7,16-IM1091.htm>
- [3] <https://www.geeksforgeeks.org/unisys-interview-experience-set-1-on-campus/>
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