

ZOHO INTERVIEW PRACTICE PACK

Aptitude, Coding & Mock Interview Question Bank (Fresher Level)

SECTION A: REAL ZOHO-STYLE APTITUDE QUESTIONS (WITH SOLUTIONS)

These questions are designed exactly in Zoho's mindset: simple concepts, deep clarity, zero shortcuts.

1. Time and Work

A man can complete a piece of work in 20 days. Another man can complete the same work in 30 days. How many days will they take together?

Solution:

Work done per day = $1/20 + 1/30$

= $(3 + 2) / 60 = 5/60$

Total days = $60 / 5 = \mathbf{12 \text{ days}}$

What Zoho checks: Understanding of work-rate logic.

2. Percentage

If 40% of a number is 80, find the number.

Solution:

40% = 0.4

Number = $80 / 0.4 = \mathbf{200}$

What Zoho checks: Percentage fundamentals.

3. Number Series

Find the next number in the series:

2, 6, 12, 20, ?

Solution:

Differences: 4, 6, 8

Next difference = 10
Answer = $20 + 10 = 30$

What Zoho checks: Pattern recognition.

4. Averages

The average of 5 numbers is 18. If one number is removed, the average becomes 16. Find the removed number.

Solution:

Sum of 5 numbers = $5 \times 18 = 90$

Sum of remaining 4 numbers = $4 \times 16 = 64$

Removed number = $90 - 64 = 26$

5. Logical Reasoning

Statements:

All roses are flowers. Some flowers are red.

Which conclusion is correct? A) All roses are red

B) Some roses are red

C) No roses are red

D) Cannot be determined

Answer: D) Cannot be determined

What Zoho checks: Logical correctness without assumptions.

SECTION B: REAL ZOHO-STYLE CODING QUESTIONS (WITH SOLUTIONS)

Zoho expects logic-first coding. Avoid built-in shortcuts.

1. Reverse a String (Without Built-in Functions)

Problem: Reverse a given string.

Logic: Traverse from last index to first and print characters.

Sample Code (C):

```
char str[] = "zoho";
int len = 4;
for(int i = len - 1; i >= 0; i--) {
    printf("%c", str[i]);
}
```

2. Palindrome Number

Problem: Check whether a number is a palindrome.

Logic: Reverse the number and compare with original.

Sample Code (Python):

```
num = 121
temp = num
rev = 0
while temp > 0:
    rev = rev * 10 + temp % 10
    temp //= 10

if rev == num:
    print("Palindrome")
else:
    print("Not Palindrome")
```

3. First Non-Repeating Character

Problem: Find the first non-repeating character in a string.

Logic: Count frequency, then traverse again.

Sample Code (Java):

```
String s = "zohoz";
int[] freq = new int[256];
for(char c : s.toCharArray()) freq[c]++;
for(char c : s.toCharArray()) {
    if(freq[c] == 1) {
        System.out.println(c);
        break;
    }
}
```

```
}  
}
```

4. Missing Number in Array

Problem: Array contains numbers from 1 to N with one missing.

Logic: Expected sum – Actual sum.

Sample Code (C++):

```
int n = 5;  
int arr[] = {1,2,3,5};  
int total = n * (n + 1) / 2;  
int sum = 0;  
for(int i = 0; i < n - 1; i++) sum += arr[i];  
cout << total - sum;
```

SECTION C: ZOHOMOCK INTERVIEW QUESTION BANK

These questions are based on real Zohofresher interviews.

TECHNICAL INTERVIEW QUESTIONS

1. Difference between array and linked list.
2. Why does stack follow LIFO?
3. Explain recursion with a real-life example.
4. What is hashing and why is it efficient?
5. Difference between process and thread.
6. What happens when system memory is full?
7. Explain OOPS concepts with examples.
8. How will you remove duplicates from an array?
9. Difference between SQL and NoSQL databases.
10. Explain time complexity of binary search.

CODING INTERVIEW QUESTIONS

1. Find factorial using recursion.
2. Check whether two strings are anagrams.
3. Print Fibonacci series without recursion.

4. Find maximum and minimum in an array without sorting.
 5. Count vowels and consonants in a string.
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HR / BEHAVIORAL QUESTIONS

1. Why Zoho?
 2. Why should we hire you?
 3. Where do you see yourself in five years?
 4. Are you comfortable working long-term in one company?
 5. How do you handle failure?
 6. How do you learn new technologies?
 7. What matters more to you: salary or learning?
 8. How do you handle criticism?
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ZOHO-STYLE SITUATIONAL QUESTIONS

1. Your code caused a production issue. What will you do?
 2. Your senior rejects your solution. How will you react?
 3. Deadline is tight and quality may be affected. What will you prioritize?
 4. You disagree with your team lead's decision. How will you handle it?
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FINAL NOTE FOR STUDENTS AND TRAINERS

This practice pack is meant to be: - Used daily - Practiced aloud - Written by hand during preparation

Zoho interviews reward clarity, honesty, and logical thinking.

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