

Accenture (ASE / Advanced ASE) - 2025/2026

1. Behavioral Assessment (Psychometric) - How to Prepare

What Accenture checks

- Work ethics
- Team behavior
- Integrity
- Decision consistency

Preparation rules (very important)

- Be **consistent**, not “perfect”
- Avoid extreme answers unless truly necessary
- Think like a **corporate fresher**, not a student

How to practice

- Answer situational questions assuming:
 - You respect deadlines
 - You communicate issues early
 - You value teamwork over ego
- Don’t change personality midway in answers

 Speed matters: ~20 seconds per question

2. Cognitive Assessment (Gamified) - How to Prepare

This is where many fail because it's **not traditional aptitude**.

A. Memory & Recall

Practice

- Memorize:
 - Grids
 - Number sequences
 - Symbol positions
- Reproduce after 10-15 seconds

Tip: Practice recalling **patterns**, not individual items.

B. Fast Math Challenges

Focus areas

- Percentages
- Simple ratios
- Add/subtract/multiply mentally
- Approximation (don't overcalculate)

Tip: Accuracy + speed > long calculation

C. Grid / Path Finding

Practice

- Direction sense

- Shortest path logic
- Avoid backtracking mentally

Think visually, not numerically.

3. Technical Assessment (MCQs) - What to Prepare

Verbal Ability

Focus only on **high-frequency topics**:

- Sentence correction (subject-verb agreement)
- Prepositions
- Error spotting
- Synonyms & antonyms
- Small RCs (understand idea, not vocabulary)

Tip: Read sentence **once**, decide, move on.

Critical Reasoning

Must-prepare topics:

- Seating arrangements
- Blood relations
- Coding-decoding
- Statement & conclusions

Tip:

If conclusion adds **new information** → usually false.

Abstract / Visual Reasoning

Prepare:

- Flowchart-based logic
- Direction sense
- Pattern recognition
- Visual sequences

Tip: Look for **movement, rotation, count, symmetry**.

4. Coding Assessment - ASE/AASE Level Strategy

You'll get **3 problems (60 mins)**.

What they expect

- Clean logic
- Correct edge cases
- Not advanced DSA

Must-practice problems

- Reverse string/number
- Palindrome
- Frequency count
- Basic arrays & strings
- Conditional logic problems

Golden rule

Solve 2 fully correct problems → strong chance to clear

5. Communication Assessment - How to Prepare

Checks

- Listening
- Sentence formation
- Grammar
- Pronunciation understanding

Preparation

- Practice basic corporate English sentences
 - Listen carefully (questions are easy, distractions are intentional)
 - Choose **simple, grammatically correct options**
-

7-Day Smart Preparation Plan

Day 1-2

- Psychometric understanding
- Verbal basics
- Fast math

Day 3

- Cognitive puzzles
- Memory & grid practice

Day 4

- Reasoning + abstract logic

Day 5

- Coding (easy + medium problems)

Day 6

- Mixed practice (timed)
- Communication-style questions

Day 7

- Full mock mindset
- Revise mistakes only

ACCENTURE TECHNICAL ASSESSMENT - PRACTICE SET

SECTION 1: VERBAL ABILITY

1. Choose the correct sentence:
A) Each of the employees are required to attend
B) Each of the employees is required to attend
C) Each employees is required to attend
D) Each employees are required to attend
2. Fill in the blank:
She is confident ____ her presentation skills.
A) on
B) about
C) with
D) for
3. Synonym of “**Accurate**”:
A) Exact
B) Rough
C) Slow
D) Partial
4. Antonym of “**Increase**”:
A) Enhance
B) Reduce
C) Extend

D) Improve

5. Identify the error:

“He has completed the task yesterday.”

- A) He
- B) has
- C) completed
- D) yesterday

6. Choose the correct sentence:

- A) Neither of the options are suitable
- B) Neither of the options is suitable
- C) Neither options are suitable
- D) Neither option are suitable

7. Fill in the blank:

The report was submitted ____ time.

- A) at
- B) on
- C) in
- D) by

8. Meaning of “**Brief**”:

- A) Long
- B) Short
- C) Confusing
- D) Loud

9. Choose the correctly punctuated sentence:

- A) Yes I have completed the task
- B) Yes, I have completed the task
- C) Yes I, have completed the task
- D) Yes; I have completed the task

10. Identify the grammatically correct option:

- A) He don't understand the issue
- B) He didn't understood the issue
- C) He didn't understand the issue
- D) He doesn't understood the issue

11. Antonym of “**Mandatory**”:

- A) Compulsory
- B) Required
- C) Optional
- D) Important

12. Fill in the blank:

She insisted ____ attending the meeting.

- A) for
- B) on
- C) to
- D) at

13. Choose the correct sentence:

- A) The informations are incorrect
- B) The information is incorrect
- C) The information are incorrect
- D) Informations is incorrect

14. Synonym of “**Assist**”:

- A) Ignore
- B) Help
- C) Delay
- D) Avoid

15. Identify the error:

“The manager along with his team were present.”

- A) manager
- B) along
- C) were
- D) present

16. Choose the correct sentence:

- A) I prefer coffee than tea
- B) I prefer coffee to tea
- C) I prefer coffee over than tea
- D) I prefer coffee from tea

17. Fill in the blank:

He is good ____ problem solving.

- A) in
- B) on
- C) at
- D) with

18. Antonym of “**Permanent**”:

- A) Fixed
- B) Stable
- C) Temporary
- D) Secure

19. Choose the correct option:

- A) She has less friends
- B) She has fewer friends
- C) She has lesser friends

D) She has little friends

20. Meaning of “**Deadline**”:

- A) Final time limit
 - B) Starting point
 - C) Delay period
 - D) Rest time
-

SECTION 2: CRITICAL REASONING

Blood Relations / Logic

1. Pointing to a boy, Ravi said, “He is the son of my mother’s brother.”
How is the boy related to Ravi?
 2. A is the father of B, but B is not the son of A. How is B related to A?
-

Statement & Conclusion

3. Statement: All laptops are computers.
Conclusion:
 1. All computers are laptops
 2. Some computers are laptops
 - A) Only 1
B) Only 2
C) Both
D) Neither
 4. Statement: Some books are pens.
Conclusion: Some pens are books.
-

Coding-Decoding

5. If **MANGO = OCPIS**, then **APPLE = ?**

-
6. If **CAT** = **DBU**, then **LION** = ?

Arrangements

7. Five people A, B, C, D, E sit in a row.
B is between A and C.
D is to the right of C.
Who sits at the left end?
8. In a line of boys, Ramesh is 10th from left and 15th from right.
How many boys are there?
-

Direction Sense

9. A man walks 10 m north, turns right, walks 5 m, turns right, walks 10 m.
How far is he from starting point?
10. Facing west, a person turns left and walks 8 m.
Which direction is he moving now?
-

Logical Statements

11. All managers are leaders.
Some leaders are employees.
Conclusion: Some managers are employees.
12. No teacher is careless.
Some students are careless.
Conclusion: Some students are not teachers.
-

Misc Reasoning

13. Find the odd one out:
A) Chair

- B) Table
- C) Bed
- D) Sofa

14. If today is Monday, what day will it be after 45 days?
15. Which number comes next:
2, 6, 12, 20, ?
16. If SOUTH is written as XLRGS, then NORTH is written as?
17. Find the missing number:
4, 9, 16, 25, ?
18. How many vowels are there in “ACCENTURE”?
19. A clock shows 3:15. What is the angle between the hands?
20. Which option is logically correct?
 - A) All roses are flowers
 - B) All flowers are roses
 - C) Some roses are not flowers
 - D) No flower is a rose

SECTION 3: ABSTRACT / LOGICAL REASONING

1. Find the next number:
3, 9, 27, ?
2. Find the missing term:
A, C, F, J, ?
3. If $\blacktriangle = 4$, $\blacksquare = 5$, $\blacksquare = 0$, what is $\blacktriangle + \blacksquare + \blacksquare$?
4. Find the odd one out:
 - A) 121
 - B) 144
 - C) 169
 - D) 132
5. Find the next term:
Z, X, U, Q, ?

6. Which figure completes the pattern? (*rotation-based*)

7. Find the missing number:

$$8 \rightarrow 64$$

$$6 \rightarrow 36$$

$$5 \rightarrow ?$$

8. Direction:

North → East → South → ?

9. If A = 1, Z = 26, what is value of CAT?

10. Find the odd pair:

A) Pen – Write

B) Knife – Cut

C) Phone – Sleep

D) Axe – Chop

11. Find the next number:

1, 4, 9, 16, ?

12. Which number does not belong:

2, 3, 5, 7, 9

13. Find the missing alphabet:

B, E, H, K, ?

14. Find the next term:

5, 10, 20, 40, ?

15. If RED = 27, BLUE = ?

16. Identify the odd figure (*symmetry-based*)

17. Find the missing number:

$$7 \times 6 = 42$$

$$8 \times 5 = 40$$

$$9 \times 4 = ?$$

18. Complete the series:

AB, DE, HI, ?

19. Find the odd word:

A) Run

B) Walk

C) Jump

D) Sleep

20. Which option completes the analogy:

Bird : Fly :: Fish : ?

Accenture Pseudo Code Section

Question 1

Pseudo Code:

Integer a, b, c

Set a = 10, b = 20

c = a + b

Print c

What will be the output?

- A) 10
 - B) 20
 - C) 30
 - D) 40
-

Question 2

Integer x = 5

If x % 2 == 0

 Print "Even"

Else

 Print "Odd"

- A) Even

- B) Odd

- C) 5
D) Error
-

Question 3

Integer i

For i = 1 to 5

 Print i * i

End For

-
- A) 1 4 9 16 25
B) 1 2 3 4 5
C) 5 10 15 20 25
D) 25
-

Question 4

Integer n = 4

Integer fact = 1

While n > 0

 fact = fact * n

 n = n - 1

End While

Print fact

-
- A) 12
B) 16
C) 24
D) 48
-

Question 5

Integer a = 15

Integer b = 10

If a > b

 a = a - b

Else

 b = b - a

End If

Print a, b

-
- A) 5 10
 - B) 15 10
 - C) 5 5
 - D) 10 5

Question 6

Integer arr[] = {2, 4, 6, 8}

Integer sum = 0

For each element in arr

 sum = sum + element

End For

Print sum

-
- A) 10
 - B) 12
 - C) 20
 - D) 24

Question 7

Integer i = 1

Do

 Print i

 i = i + 2

While i <= 5

-
- A) 1 3 5
 - B) 1 3
 - C) 2 4
 - D) 1 5

Question 8

Integer a = 3

Integer b = 5

Integer c = a AND b

Print c

-
- A) 1
 - B) 3
 - C) 5
 - D) 0

Question 9

Integer x = 0

For i = 1 to 5

 If i % 2 == 0

 x = x + i

```
End If  
End For  
Print x
```

-
- A) 6
 - B) 8
 - C) 10
 - D) 12

Question 10

```
Integer n = 123  
Integer rev = 0  
While n > 0  
    rev = rev * 10 + (n % 10)  
    n = n / 10  
End While  
Print rev
```

-
- A) 123
 - B) 321
 - C) 231
 - D) 132

Question 11

```
Integer a = 10  
Integer b = 20  
If a > 5 AND b > 15  
    Print "YES"
```

Else

Print "NO"

-
- A) YES
 - B) NO
 - C) 10
 - D) Error

Question 12

Integer i

For i = 5 down to 1

 Print i

End For

-
- A) 1 2 3 4 5
 - B) 5 4 3 2 1
 - C) 5 3 1
 - D) 1 3 5

Question 13

Integer n = 7

If n % 3 == 0 OR n % 5 == 0

 Print "Valid"

Else

 Print "Invalid"

-
- A) Valid
 - B) Invalid

- C) 7
D) Error
-

Question 14

Integer a = 2

Integer b = 3

Integer c = 4

c = a + b * c

Print c

-
- A) 20
B) 14
C) 10
D) 24
-

Question 15

Integer arr[] = {1, 3, 5, 7}

Integer count = 0

For each element in arr

If element > 3

 count = count + 1

End If

End For

Print count

-
- A) 1
B) 2

-
- C) 3
D) 4

Question 16

Integer x = 1

While x <= 10

If x == 5

Break

End If

Print x

x = x + 1

End While

-
- A) 1 2 3 4
B) 1 2 3 4 5
C) 5
D) 1 2 3

Question 17

Integer a = 5

Integer b = 10

Swap a and b

Print a, b

-
- A) 5 10
B) 10 5
C) 15 0
D) 0 15

Question 18

Integer i

For i = 1 to 10

If i % 3 == 0

 Continue

End If

Print i

End For

A) 1 2 4 5 7 8 10

B) 3 6 9

C) 1 to 10

D) 2 4 6 8 10

Question 19

Integer n = 5

Integer sum = 0

For i = 1 to n

 sum = sum + i

End For

Print sum

A) 10

B) 12

C) 15

D) 20

Question 20

Integer a = 4

Integer b = 6

Integer c = a XOR b

Print c

-
- A) 0
 - B) 2
 - C) 6
 - D) 10

Question 21

Integer n = 9

If n > 0

 If n % 2 == 0

 Print "Even"

 Else

 Print "Odd"

 End If

End If

-
- A) Even
 - B) Odd
 - C) 9
 - D) No Output

Question 22

Integer arr[] = {2, 5, 8}

```
Integer max = arr[0]

For each element in arr
    If element > max
        max = element
    End If
End For

Print max
```

-
- A) 2
 - B) 5
 - C) 8
 - D) 10

Fundamentals of Networking, Security & Cloud

Q1

Which protocol is used to transfer files securely over the internet?

- A) FTP
- B) HTTP
- C) SFTP
- D) SMTP

Q2

Which device connects multiple networks together?

- A) Switch
- B) Hub
- C) Router
- D) Repeater

Q3

What does HTTPS add compared to HTTP?

- A) Faster speed
 - B) Encryption
 - C) Compression
 - D) Caching
-

Q4

Which of the following is a **public cloud service provider**?

- A) Oracle VM
 - B) VMware
 - C) Amazon Web Services
 - D) VirtualBox
-

Q5

What is the main purpose of a firewall?

- A) Store data
 - B) Monitor employees
 - C) Block unauthorized access
 - D) Increase network speed
-

Q6

Which cloud model allows users to rent **virtual machines**?

- A) SaaS
 - B) PaaS
 - C) IaaS
 - D) FaaS
-

Q7

What does VPN primarily provide?

- A) Faster internet
 - B) Secure remote access
 - C) Data storage
 - D) Email service
-

Q8

Which attack involves tricking users into revealing credentials?

- A) Malware
 - B) Phishing
 - C) Spoofing
 - D) Sniffing
-

Q9

What is the default port number for HTTP?

- A) 21
 - B) 25
 - C) 80
 - D) 443
-

Q10

Which cloud deployment model is used **within an organization only**?

- A) Public cloud
 - B) Hybrid cloud
 - C) Community cloud
 - D) Private cloud
-

Common Applications & MS Office

Q1

Which MS Excel function is used to calculate the average of numbers?

- A) TOTAL()
 - B) COUNT()
 - C) AVG()
 - D) AVERAGE()
-

Q2

Which shortcut is used to **save a document** in MS Word?

- A) Ctrl + S
- B) Ctrl + P

- C) Ctrl + C
 - D) Ctrl + X
-

Q3

Which application is mainly used for creating presentations?

- A) MS Word
 - B) MS Excel
 - C) MS PowerPoint
 - D) MS Access
-

Q4

Which feature in MS Word is used to check spelling and grammar?

- A) Find
 - B) Review
 - C) Spell Check
 - D) Track Changes
-

Q5

What does a spreadsheet mainly consist of?

- A) Slides
 - B) Pages
 - C) Rows and Columns
 - D) Paragraphs
-

Q6

Which Excel feature is used to **sort data alphabetically**?

- A) Filter
 - B) Sort
 - C) Freeze Pane
 - D) Conditional Formatting
-

Q7

Which option is used to insert charts in Excel?

- A) Data Tab

- B) Review Tab
 - C) Insert Tab
 - D) View Tab
-

Q8

Which MS Office tool is best suited for **database management**?

- A) Word
 - B) Excel
 - C) PowerPoint
 - D) Access
-

Q9

What does Ctrl + Z do in MS Office applications?

- A) Redo action
 - B) Undo action
 - C) Save document
 - D) Select all
-

Q10

Which file extension is used for MS Excel files (newer versions)?

- A) .xls
- B) .xlsx
- C) .docx
- D) .pptx

Accenture Coding Practice (ASE & AASE)

Purpose: Practice coding questions Accenture Coding Round

Problem 1: Sum of Digits Until Single Digit

Problem Description:

The function accepts a positive integer `num` as its argument. You are required to repeatedly add the digits of `num` until a single-digit number is obtained and return it.

Note:

- If `num` ≤ 0 , return `-1`

Input:

`num`: 9875

Output:

2

Problem 2: Count Houses for Required Food

Problem Description:

The function accepts a positive integer array `arr` of size `n` and an integer `foodRequired`. Each element represents the amount of food in a house. Return the minimum number of houses required to collect food greater than or equal to `foodRequired`.

Note:

- Return `-1` if the array is NULL
- Return `0` if total food is insufficient

Input:

`arr`: 3 5 2 8 4
`foodRequired`: 10

Output:

3

Problem 3: Reverse Words in a String

Problem Description:

The function accepts a string `str`. Reverse each word individually while maintaining the same word order.

Note:

- If the string is NULL, return NULL

Input:

str: Accenture Coding Round

Output:

erutneccA gnidoC dnuoR

Problem 4: Binary String Operation

Problem Description:

Implement the function:

```
int BinaryStringOperation(char* str);
```

The string consists of binary digits separated by operators:

- `A` → AND
- `B` → OR
- `C` → XOR

The expression must be evaluated from left to right.

Note:

- If `str` is NULL, return -1

Input:

str: 1C0B1A1

Output:

1

Problem 5: Second Smallest Element

Problem Description:

The function accepts an integer array `arr` of size `n`. Return the second smallest element in the array.

Note:

- If `n < 2`, return `-1`

Input:

arr: 12 5 7 3 19

Output:

5

Problem 6: Password Validation

Problem Description:

Implement the function:

```
int ValidatePassword(char str[], int n);
```

Return `1` if the password is valid, otherwise return `0`.

Conditions:

- Minimum 6 characters
- At least one uppercase letter
- At least one digit
- No spaces or special characters
- Must not start with a digit

Input:

str: Accen1A

Output:

1

Problem 7: Count Prime Numbers in a Range

Problem Description:

The function accepts two integers `start` and `end`. Return the count of prime numbers between them (inclusive).

Note:

- If `start > end`, return 0

Input:

start: 10

end: 30

Output:

6

Problem 8: Find the Missing Number

Problem Description:

You are given an array of size `n-1` containing numbers from 1 to `n` with one number missing. Find and return the missing number.

Note:

- All numbers are unique

Input:

arr: 1 2 4 5

n: 5

Output:

3

Problem 9: Character Frequency (Case Sensitive)

Problem Description:

The function accepts a string `str`. Print the frequency of each character in the order of appearance.

Note:

- Ignore spaces
- If the string is NULL, return -1

Input:

str: aAbBaa

Output:

a:3

A:1

b:1

B:1

Problem 10: Array Rotation Based on Direction

Problem Description:

The function accepts an integer array `arr`, an integer `k`, and a character `dir`.

- `L` → Left rotation
- `R` → Right rotation

Rotate the array accordingly.

Note:

- `k` can be greater than the array length

Input:

arr: 1 2 3 4 5

k: 2

dir: L

Output:

3 4 5 1 2

ARRAYS - Very Frequently Asked

1. Find the maximum and minimum element in an array.
2. Find the second largest distinct element in an array.
3. Find the second smallest distinct element in an array.
4. Rotate an array left by `k` positions.
5. Rotate an array right by `k` positions.
6. Reverse the entire array without using built-in functions.
7. Count how many elements are greater than a given number `K`.

8. Count how many elements are divisible by a given number X.
9. Find the sum of elements at even indices and odd indices separately.
10. Find the largest element at even indices.
11. Find the second largest element at odd indices.
12. Count the frequency of a given element in an array.
13. Remove duplicates from an array while maintaining order.
14. Check if the array is sorted (ascending or descending).
15. Find all pairs in the array whose sum equals a given number K.
16. Merge two arrays into one (without using sort).
17. Find how many positive and negative numbers are present in an array.
18. Check if two arrays are disjoint (no common elements).
19. Find the missing number from 1 to N in an array.
20. Count how many elements in the array are perfect squares.

STRINGS - Easy to Medium Level

21. Check whether a string is a palindrome (ignoring spaces and case).
22. Count vowels, consonants, digits, and special characters in a string.
23. Replace all occurrences of a character in a string with another character.
24. Remove all vowels from a string.
25. Remove all spaces from a string.
26. Remove duplicate characters from a string.
27. Reverse a string without using built-in reverse functions.
28. Count the frequency of each character in a string.
29. Check if two strings are anagrams of each other.
30. Find how many words are present in a sentence.
31. Convert all lowercase letters to uppercase (without using built-in functions).
32. Replace every vowel in a string with '*'.
33. Print the first and last character of each word in a sentence.
34. Remove all digits from a string.
35. Find the longest word in a sentence.

MATHS / LOGIC BASED QUESTIONS

36. Check if a number is prime or not.
37. Print all prime numbers in a given range.
38. Find the sum of digits of a number.
39. Reverse a given integer without using string functions.
40. Check whether a number is an Armstrong number.
41. Check whether a number is a Perfect number.
42. Find the factorial of a number using loops.
43. Calculate the sum of all numbers divisible by 4 but not by 6 in a given range.
44. Find the GCD (HCF) and LCM of two numbers.
45. Find the difference between the sum of even digits and the sum of odd digits of a number.
46. Count how many numbers in a range are divisible by both 3 and 5.
47. Find the product of digits of a number.
48. Check if the digits of a number are strictly increasing or not.

CONDITIONAL / CASE-BASED QUESTIONS

49. Calculate profit or loss based on cost price and selling price.

50. Compute electricity bill based on consumption slabs.
51. Determine the grade of a student based on marks using conditions.
52. Convert temperature from Celsius to Fahrenheit and vice-versa.
53. Calculate taxi fare or movie ticket fare based on rules.
54. Check whether a year is a leap year or not.
55. Determine if a person is eligible for voting based on age.

SPECIAL - HIGH CHANCE IN ASE

56. Remove the middle character from a string (for odd length).
57. Remove the middle two characters from a string (for even length).
58. Check if a sentence contains all alphabets (Pangram check).
59. Convert a binary number into a decimal number.
60. Convert a decimal number into binary without using built-in.
61. Check whether the parentheses in a string are balanced.
62. Sort characters in a string after removing duplicates.

Technical Interview Questions

1. Explain your main academic project - what problem it solves, which technologies you used, and what your role was.
2. What are the four main principles of object-oriented programming? Give simple examples.
3. What is the difference between an abstract class and an interface?
4. Explain the difference between a stack and a queue with real-life examples... 5. What is the difference between an array and a linked list? When would you use one over the other?
6. What is a database transaction? Explain ACID properties.
7. Explain different types of SQL joins with examples.
8. What is normalization in DBMS and why is it needed?
9. Explain the difference between a process and a thread.
10. What is a deadlock? What are the conditions required for a deadlock to occur? 11. In networking, what is the difference between an IP address and a MAC address? 12. Explain what happens in the backend when you enter a URL in a browser and press Enter. 13. What is a REST API? Have you used any APIs in your project?
14. How do you determine the time and space complexity of a program?
15. Explain the logic to check whether a string is a palindrome.
16. Explain the logic to find the second largest element in an array.
17. How would you design a simple login system? What tables and fields would you create?
18. What is the difference between a compilation error and a runtime error? 19. What is exception handling and why is it important?
20. (AASE Level) How would you optimize a solution currently using $O(n^2)$ time complexity? Suggest a better approach.

HR / Behavioral Interview Questions

21. Tell me about yourself.
22. Why do you want to join Accenture?

23. Why should we hire you for this ASE / Advanced ASE role?
24. Tell me about a challenging situation in your project and how you handled it.
25. Describe a time when you faced a conflict in a team. How was it resolved?
26. What are your strengths and weaknesses
27. Where do you see yourself in the next 3–5 years?
28. How do you handle stress when facing multiple deadlines?
29. Are you willing to relocate and work in any location in India?
30. Do you have any questions for us?

Note : These are sample questions please practice more questions like this