

Accenture Sections	Information	Questions and Time
Cognitive Ability	<ul style="list-style-type: none"> • English Ability • Critical Thinking and Problem Solving • Abstract Reasoning 	50 Ques in 50 mins
Technical Assessment	<ul style="list-style-type: none"> • Common Application and MS Office • Pseudo Code • Fundamental of Networking, Security and Cloud 	40 Ques in 40 mins
Coding Round	<ul style="list-style-type: none"> • C • C++ • Dot Net • JAVA • Python 	2 Ques in 45 mins

Accenture Pseudo Code Test

Number of Questions	18
Negative Marking	No
Total time Limit	40 Min(Shared)

DEBUG WITH SHUBHAM

Accenture Technical Assessment Detailed Overview

Accenture Pseudo Code



<https://www.youtube.com/@DebugWithShubham>



<https://www.linkedin.com/in/debugwithshubham/>



<https://www.instagram.com/debugwithshubham/>



<http://topmate.io/debugwithshubham>



<https://t.me/debugwithshubham>

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56	57	58	59	60

Question No. 68

Multiple Choice (Select 1 out of 4 options, for the question below.)

In a hash table of size 10, where is element 7 placed?

Options

- 6
- 7
- 8
- 17

[Clear Response](#)

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56	57	58	59	60
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Question No. 70

Multiple Choice (Select 1 out of 4 options, for the question below.)

What is the output of the code given below? Now, let us take up a small test. #include <stdio.h>

```
int main()
{
    char ch = 'A';
    printf("%d\n", ch);
    return 0;
}
```

Options

- A
- A'
- 65
- 97

[Clear Response](#)

02	03	04	05
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62	63	64	65

Question No. 72

Multiple Choice (Select 1 out of 4 options, for the question below.)

The prefix of $(A+B)^*(C-D)$ is

Options

- $+AB^*(C-D)$
- $^*+ABCD$
- $^*+AB-CD$
- $^*AB+CD$

[Clear Response](#)

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Question No. 74

Multiple Choice (Select 1 out of 4 options, for the question below.)

Consider you have a stack whose elements in it are as follows.

5 4 3 2 << top

Where the top element is 2.

You need to get the following stack

6 5 4 3 2 << top

The operations that needed to be performed are (You can perform only push and pop):

Options

- Push(pop()), push(6), push(pop())
- Push(pop()), push(6)
- Push(pop()), push(pop()), push(6)
- Push(6)

[Clear Response](#)

Di

Question No. 79

Multiple Choice (Select 1 out of 4 options, for the question below.)

What should be the load factor for separate chaining hashing?

Options :

- 0.5
- 1
- 2
- 1.5

[Clear Response](#)

1 02 03 04 05

6 07 08 09 10

1 12 13 14 15

6 17 18 19 20

21 22 23 24 25

26 27 28 29 30

31 32 33 34 35

36 37 38 39 40

44 42 43 44 45

46 47 48 49 50

51 52 53 54 55

56 57 58 59 60

61 62 63 64 65

Question No. 77

Multiple Choice (Select 1 out of 4 options, for the question below.)

Where is the hash tree used?

Options :

- in digital currency
- in sorting of large data
- in encryption of data
- for indexing in databases

[Clear Response](#)

3 04 05

8 09 10

13 14 15

18 19 20

23 24 25

28 29 30

33 34 35

38 39 40

43 44 45

48 49 50

53 54 55

58 59 60

63 64 65

Question No. 80

Multiple Choice (Select 1 out of 4 options, for the question below.)

Find the output of following pseudo code :

```
int main()
{
    int num = 8;
    printf ("%d %d", num << 1, num >> 1);
    return 0;
}
```

Options

- 80
- 00
- 16 4
- Error : Can't Perform operation

[Clear Response](#)

04 05

09 10

14 15

19 20

24 25

29 30

34 35

39 40

44 45

49 50

54 55

59 60

64 65

Question No. 76

Multiple Choice (Select 1 out of 4 options, for the question below.)

With what data structure can a priority queue be implemented?

Options

- Array
- List
- Heap
- Tree

[Clear Response](#)

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08	09	10
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18	19	20
23	24	25
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33	34	35
38	39	40
43	44	45
48	49	50
53	54	55
58	59	60
63	64	65
68	69	70

Question No. 74

Multiple Choice (Select 1 out of 4 options, for the question below.)

What will be the output of the following pseudo code?

```
Input.m = 9, n = 6;
m = m + 1;
N = n - 1;
m = m + n
if (m > n)
print m
else
print n
```

Options

- 6
- 5
- 10
- 15

Clear Response

DEBUG WITH SHUBHAM

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Question No. 75

Multiple Choice (Select 1 out of 4 options, for the question below.)

Convert the infix to postfix for A-(B+C)*(D/E)

Options

- ABC+DE/-
- ABC-DE/-
- ABC-DE*/-
- None of the above

Clear Response

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11	12	13	14	15
16	17	18	19	20
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56	57	58	59	60
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Question No: 65

Multiple Choice (Select 1 out of 4 options, for the question below.)

If h is any hashing function and is used to hash n keys in to a table of size m, where $n \leq m$, the expected number of collisions involving a particular key x is :

Options

- less than 1
- less than n.
- less than m.
- less than $n/2$

Clear Response

03 04 05

06 09 10

13 14 15

18 19 20

23 24 25

28 29 30

33 34 35

38 39 40

43 44 45

48 49 50

53 54 55

58 59 60

63 64 65

Question No: 73

Multiple Choice (Select 1 out of 4 options, for the question below.)

6, 8, 4, 3, and 1 are inserted into a data structure in that order. An item is deleted using only a basic data structure operation. If the deleted item is a 1, the data structure cannot be a ?

Options

- Queue
- Tree
- Stack
- Hash Table

Clear Response

01	02	03	04	05
06	07	08	09	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
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51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70

Question No. 57

Multiple Choice (Select 1 out of 4 options, for the question below.)

Find the output of the following pseudo-code if x= 4 and y=5:

Integer fun(int x, int y)

if(x > 1)

fun(x - 2, y + 2)

end if

print y

End function fun()

Options

456

765

975

DEBUG WITH SHUBHAM

Question No. 71

Multiple Choice (Select 1 out of 4 options, for the question below.)

Time taken for addition of element in queue is

Options

O(1)

O(n)

O(log n)

None of these options

Clear Response

01	02	03	04	05
06	07	08	09	10
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36	37	38	39	40
41	42	43	44	45
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66	67	68	69	70

Question No. 69

Multiple Choice (Select 1 out of 4 options, for the question below.)

Which of the following is a widely used form of the hash tree?

Options :

- B+ – tree
- T tree
- Htree
- Tiger tree hash

[Clear Response](#)

02	03	04	05
07	08	09	10
12	13	14	15
17	18	19	20
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32	33	34	35
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Question No. 64

Multiple Choice (Select 1 out of 4 options, for the question below.)

main()

```
{  
    int x;  
    if ( x > 4) printf( "Brinda");  
    else if ( x > 10) printf( "Karthik");  
    else if ( x > 21 ) printf(" Pradeep");  
    else printf(" Sandeep");  
}
```

What will be the value of x so that "Karthik" will be printed?

Options :

- From 10 to 21
- From 11 to 21
- greater than 10
- none

[Clear Response](#)

Question No. 63

Multiple Choice (Select 1 out of 4 options, for the question below.)

Let the following circular queue can accommodate maximum six elements with the following data

front = 2 rear = 4

queue = _____, L, M, N, _____

What will happen after ADD O operation takes place?

Options

- front = 2 rear = 5 queue = _____, L, M, N, O, _____
- front = 3 rear = 5 queue = L, M, N, O, _____
- front = 3 rear = 4 queue = _____, L, M, N, O, _____
- front = 2 rear = 4 queue = L, M, N, O, _____

Clear Response

03	04	05
08	09	10
13	14	15
18	19	20
23	24	25
28	29	30
33	34	35
38	39	40
43	44	45
48	49	50
53	54	55
58	59	60
63	64	65

03	04	05
08	09	10
13	14	15
18	19	20
23	24	25
28	29	30
33	34	35
38	39	40
43	44	45
48	49	50
53	54	55
58	59	60
63	64	65

Question No. 66

Multiple Choice (Select 1 out of 4 options, for the question below.)

Given only a single array of size 10 and no other memory is available. Which of the following operation is not feasible to implement (Given only push and pop operation)?

Options

- Push
- Pop
- Enqueue
- Returntop

Clear Response

03	04	05
08	09	10
13	14	15
18	19	20
23	24	25
28	29	30
33	34	35
38	39	40
43	44	45
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Question 41

whenever a C program is executed ,execution starts from

- 1) Scanf function
- 2) Void function
- 3) Any function
- 4) Main function

Answer: 4

Question 42

It is necessary to declare the type of a function in the calling program if the function

- 1) Both B and c
- 2) is not defined in the same file
- 3) Returns a non-integer value
- 4) None

Answer: 3

Question 43

Multiple Choice (Select 1 out of 4 options, for the question below.)

C allows the user to use

- 1) One-dimensional array
- 2) Two-dimensional array
- 3) Three-dimensional array
- 4) Multi-dimensional array

Answer: 4

Question 44

what will be the output of the following java program?

Class Modulus{

 public static void main(String args[]){

 {

 double a=25.64;

 int b=25;

 a=a%10;

 b=b%10;

 System.out.println(a+" "+b);

 }

}

- 1) 5.640000000000001 5
- 2) 5.640000000000001 5 0
- 3) 5 5 4) 5 5.640000000000001

Answer: 1

Question 45

Multiple Choice (Select 1 out of 4 options, for the question below.)

do-while loop terminals when conditional expression returns?

- 1) One
- 2) Zero
- 3) Non- zero
- 4) None of the above

Answer: 2

Question 46

No of values function can return

- 1) 2
- 2) 1
- 3) 3
- 4) 0

Answer: 2

Question 47

what is th eoutput of a Logical OR(|) operation if one of the inputs/operands is false?

- 1) false
- 2) true
- 3) true or false
- 4) None

Answer: 3

Question 48

what is the output of the Java code snippet?

```
boolean b=false;  
b=!b;  
System.out.println(b);
```

- 1) true
- 2) false
- 3) Compilation error
- 4) None

Answer: 1

Question 49

Multiple Choice (Select 1 out of 4 options, for the question below.)

c = (n) ? a : b; can be rewritten as exp1 ? exp2 : exp3;

- 1) if(n){c = a;}else{c = b;}
- 2) if(!n){c = a;}else{c = b;}
- 3) if(n){c = b;}else{c = a;}
- 4) None of the above

Answer: 1

Question 50

The function that actually created from a call to a template function is called

- 1) Generated
- 2) Inherited
- 3) Spawned
- 4) All of the above

Answer: 3

Question 51

If switch feature is used, then

- 1) Default case must be present
- 2) Default, if used, should be the last case
- 3) Default case, if used, can be placed anywhere
- 4) None

Answer: 2

Question 52

which among the following is a Short Circuit OR operator?

- 1) &
- 2) |
- 3) &&
- 4) ||

Answer: 4

Question 53

Multiple Choice (Select 1 out of 4 options, for the question below.)

With x = 0, which of the following are legal lines of Java code for changing the value of x to 1?

- 1.x++;
- 2.x=x/1;
- 3.x+=1;
- 4.x=/1;

- 1) 1 ,2 & 3
- 2) 1 & 4
- 3) 1, 2, 3 & 4
- 4) 3 & 2

Answer: 4

Question 54

Decrement operator,--, decreases the value of variable by what number?

- 1) 1
- 2) 2
- 3) 3
- 4) 4

Answer: 1

Question 55

Assume the output of the following code:

```
void main()
```

```
{
```

```
static int x;
```

```
if(x++<2)
```

```
main();
```

```
}
```

- 1)No output 2)main() ids called twice 3)Run time error 4) varies

Answer : 2

Question 56

In mathematics and computer programming, which is the correct order of mathematical operator?

- 1) Addition, Subtraction, Multiplication, Division 2) Division, Multiplication, Addition, Subtraction
3) Multiplication, Addition, Division, Subtraction 4) Addition, Division, Modulus, Subtraction

Answer: 2

Question 57

How long the following loop runs? For(x=0; x<3;x++)

- 1) Three times 2) Four times 3) Forever 4) Never

Answer: 3

Question 58

Multiple Choice (Select 1 out of 4 options for the question below)

A pointer variable can be

- 1) Passed to a function 2) Changed within a function
3) Returned by a function 4) Can be assigned an integer value

Answer: 2

Question 59

It is not advisable to use macros instead of functions because

- 1) it increases the code size
- 3) recursion is not possible

- 2) no type checking will be done
- 4) All of the above

Answer :4

Question 60

Multiple Choice (Select 1 out of 4 options for the question below)

Which of the operations are supported by PHP?

- 1) AND
- 2) OR Exclusive OR
- 3) Not
- 4) All of them

Answer:4