

Student Result

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Exam: Mock_Test_cap

Score: 36.0/45.0

Percentage: 80.00%

Question-wise Summary

Sr.no	Question	Selected Answer	Correct Answer
1	What is the output of the given bitwise XOR operation?	10	10
2	Predict the result after the right and left shift operations.	15	15
3	What will be the final value of z after bitwise AND, OR, and XOR?	15	15

4	<p>What is the result of the logical AND condition and addition?</p>	70	70
5	<p>What will be the output of the conditional bitwise AND check?</p>	No	Yes
6	<p>What is the value of 'a' after the XOR-based swapping logic?</p>	20	20
7	<p>Predict the value of 'c' after the nested bitwise operations.</p>	10	10
8	<p>What is the final value of x after right shift followed by left shift?</p>	6	6

9	What is the output of the recursive function fun(3)?	6	6
10	What is the result of solve(5, 2) using recursion?	1	1
11	Trace the output of the recursive function test(4).	3	3
12	What is the result of the recursive modulo function modRec(12, 8)?	4	4
13	Predict the output of the nested recursion f(95).	95	91

14	What is the final value of 'sum' after the while loop finishes?	55	55
15	What will be the output of the nested array indexing arr[arr[1]]?	3	3
16	How many times will the 'count' variable increment in the nested loop?	6	6
17	What is the value of arr[1] after the modification?	40	40
18	What is the final value of x after the do-while loop?	1	1

19	Calculate: $(15 \bmod 4) + (4 \bmod 15)$	7	7
20	In a Java context, what is the value of $10 / 3$ assigned to a float?	3	3
21	What is the result of bitwise NOT and AND operation?	2	2
22	Predict the value of $(x \text{ OR } y) \text{ XOR } z$.	10	10
23	Final value of x after triple right shift?	1	1
24	What is the output of (a AND b) OR (a XOR b)?	7	7

25	Result of bitwise left shift by 3 positions?	64	64
26	How many times is the function called for solve(4)?	4	7
27	Output of recursive string reversal "abc"?	cba	cba
28	Predict value: solve(n-1) + solve(n-2) for n=3.	2	2
29	Recursive GCD logic: solve(48, 18)?	6	6
30	Find the sum of all elements in the given array.	150	150

31	Value of count after nested loop (i=1 to 4, j=1 to 4)?	16	16
32	Output of array element modification in a loop.	0, 0, 0	2006-02-04 00:00:00
33	What is the result of searching an element using for loop?	Not Found	Found
34	Final value of 'i' after the for loop terminates?	4	5
35	Output of 2D array access arr[1][1].	5	5
36	Predict result of 'break' statement inside while loop.	infinite	2026-01-02 00:00:00

37	What is the value of $(\text{arr}[i] + i)$ after 3 iterations?	13	13
38	Result of 'continue' statement in a 1 to 5 loop.	1 2 4 5	1 2 4 5
39	Final state of the array after in-place reversal logic.	Reversed	Reversed
40	What is $(25 \text{ DIV } 4) + (25 \text{ MOD } 4)$?	7	7
41	Predict output: If($5 < 10$) AND ($10 > 15$) OR ($1 == 1$).	True	True
42	Result of Integer overflow logic (Conceptual).	Min Value	Min Value

43	What is the value of 'a' if a = 10; a++; ++a;?	12	12
44	Logical Shift vs Arithmetic Shift: -1 >> 1 result?	-1	-1
45	Final Boolean result: (True XOR False) AND True.	True	True