Student Result

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Exam: Mock_Test_cap

Score: 32.0/45.0

Percentage: 71.11%

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.	20	15
3	What will be the final value of z after bitwise AND, OR, and XOR?	15	15

4	What is the result of the logical AND condition and addition?	**70**	**70**
5	What will be the output of the conditional bitwise AND check?	**Yes**	**Yes**
6	What is the value of 'a' after the XOR-based swapping logic?	*Not Answered*	**20**
7	Predict the value of 'c' after the nested bitwise operations.	**10**	**10**
8	What is the final value of x after right shift followed by left shift?	**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)?	12	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 MOD 4) + (4 MOD 15)	7	7
20	In a Java context, what is the value of 10 / 3 assigned to a float?	3.33	3
21	What is the result of bitwise NOT and AND operation?	2	2
22	Predict the value of (x OR y) 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.	*Not Answered*	**2006-02-04 00:00:00**
33	What is the result of searching an element using for loop?	**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.	*Not Answered*	**2026-01-02 00:00:00**

37	What is the value of (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 DIV 4) + (25 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).	*Not Answered*	**Min Value**

43	What is the value of 'a' if a = 10; a++; ++a;?	*Not Answered*	**12**
44	Logical Shift vs Arithmetic Shift: -1 >> 1 result?	*Not Answered*	**-1**
45	Final Boolean result: (True XOR False) AND True.	*Not Answered*	**True**