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Assessment Date : 24-09-2024 11:00:25 (GMT+05:30)

Performance Level : Moderate

8.00	10.00	5.00
Your Total Score	Assessment Score	Cut-Off marks (Pass Marks)

80.00	M
Your Percentage	Performance Category

This report helps you to achieve your targets as per below stated objectives:

Improve your conceptual understanding
Address specific areas of improvement personalized to you

Performance Categories

Based on the performance of the students, we have framed the following categories to place you in accordance with your performance

Performance Category Definitions

Excellent

Outstanding level of performance indicates that the candidate has done excellent work and mastered the concepts.

High

High level of performance indicates that the candidate has done above average work and mastered almost all the concepts.

Moderate

Acceptable level of performance indicates that the candidate has done average work and has mastered many of the concepts.

Low

Needs improvement in performance indicates that the candidate has done and mastered very few or none of the concepts.

Performance Criteria

PERFORMANCE CATEGORY	RANGE
Excellent	91% to 100% of Max Marks
High	81% to 90% of Max Marks
Moderate	61% to 80% of Max Marks
Low	Below 60% of Max Marks

Performance Category based on student marks

SECTION (GROUP)	EXCELLENT	HIGH	MODERATE	LOW
Functions and Array Assessment (C Functions and Array Assessment)	9.10 and above	8.10 to 9.00	6.10 to 8.00	Below 6.00

SECTION (GROUP)	EXCELLENT	HIGH	MODERATE	LOW
Overall Score	**9.10 and above**	**8.10 to 9.00**	**6.10 to 8.00**	**Below and equal to 6.00**

Where do you stand?

SECTION (GROUP)	SCORE	PERFORMANCE CATEGORY
Functions and Array Assessment (C Functions and Array Assessment)	8.00 / 10.00	M
Overall Score	**8.00 / 10.00**	**M**

Recommendations and Suggestions

1. Based on your overall scores:
   Your overall score falls in the **M** category. Please avoid misconceptions and try to increase the speed of solving.
2. Based on your section-wise performance:
   You seem to be strong in **Functions and Array Assessment**. So it is suggested that you attempt **Functions and Array Assessment** section first
3. Some general suggestions to optimize your score:
   The best performers plan and allocate equal time to each section.

Overall Performance Analysis

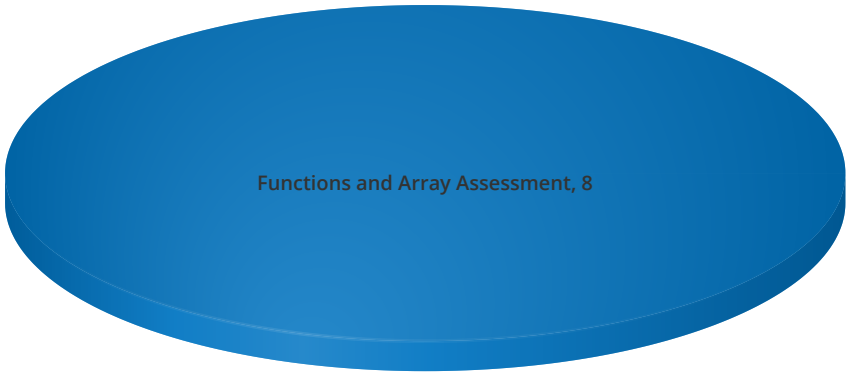
The below table shows section-wise analysis of marks scored by you, time spent by you, your percentage, your accuracy and number of correct, incorrect, unanswered and marked for review questions.

SECTION (GROUP)	MARKS SCORED BY YOU	TIME SPENT BY YOU (IN MINS)	YOUR SECTION PERCENTAGE	YOUR SECTION ACCURACY	TOTAL QUESTIONS	MAX NO OF QUESTIONS - TO ATTEMPT	QUESTIONS ATTEMPTED	CORRECT	INCORRECT	UNANSWERED	MARKED FOR REVIEW
Functions and Array Assessment (C Functions and Array Assessment)	8.00	12:35	80.00%	80.00%	10	10	10	8	2	0	0
Total	**8.00**	**12:35**	**80.00%**	**80.00%**	**10**	**10**	**10**	**8**	**2**	**0**	**0**

Note: ***The percentage (%) and accuracy below the prescribed values (60 %) are shown in red color***

Below pie-chart shows section-wise percentage of marks scored

Section-wise marks



Impact of Incorrect Responses

Below table provides the marks lost due to incorrect responses.

SECTION(GROUP)	NUMBER OF INCORRECT RESPONSES	MARKS LOST DUE TO INCORRECT RESPONSES	TOTAL SCORE IF INCORRECT RESPONSES WERE NOT MARKED
Functions and Array Assessment(grp1)	2	0	8

SECTION(GROUP)	NUMBER OF INCORRECT RESPONSES	MARKS LOST DUE TO INCORRECT RESPONSES	TOTAL SCORE IF INCORRECT RESPONSES WERE NOT MARKED
Overall	**2**	**0**	**8.00**

In order to attempt more accurately, consider the following suggestions while attempting the questions:

1. If you are not able to solve a question correctly or have doubts in your approach towards the solution, skip it for later.
2. Quickly revise the steps for avoiding calculation or casual mistakes.
3. Avoid guesswork.

Overall Preparedness Analysis

The below table represents the percentage of correct questions achieved at the analysis level.

Conceptual errors, for which you would require more reading and understanding of concepts.

Minor or careless mistakes, for which you would require a more composed and calm approach towards solving the question paper.

The topics marked in red need your immediate attention.

Time Management

Below table shows the time you spent in each section.

SECTION (GROUP)	TIME SPENT BY YOU (IN MINS)
Functions and Array Assessment (C Functions and Array Assessment)	12:35
Total time spent	**12:35**

Recommendations

1. It is essential for each aspirant to plan and schedule time for each section diligently. This is important to score well in each section and ultimately meet the cut-off.
2. This will also help you in attempting all the questions in each section and hence not missing the opportunity to score more.

Response Change Pattern

Below table provides the number of times you have changed your responses while answering the test and also the nature of those response changes.

SECTION(GROUP)	CORRECT TO INCORRECT	INCORRECT TO CORRECT	INCORRECT TO INCORRECT	CORRECT TO UNANSWERED	INCORRECT TO UNANSWERED	UNANSWERD TO CORRECT	UNANSWERD TO INCORRECT
Functions and Array Assessment (C Functions and Array Assessment)	0	0	0	0	0	8	2
Overall	**0**	**0**	**0**	**0**	**0**	**8**	**2**

It is suggested that guesswork should be avoided for any type of response changes. It has been observed that more often than not, guesswork leads to an incorrect response thereby inviting negative marks which in turn has an adverse effect on the overall rank.
You must use your knowledge, observation and elimination skills to arrive at the correct answer.

Interpretation and Suggestions

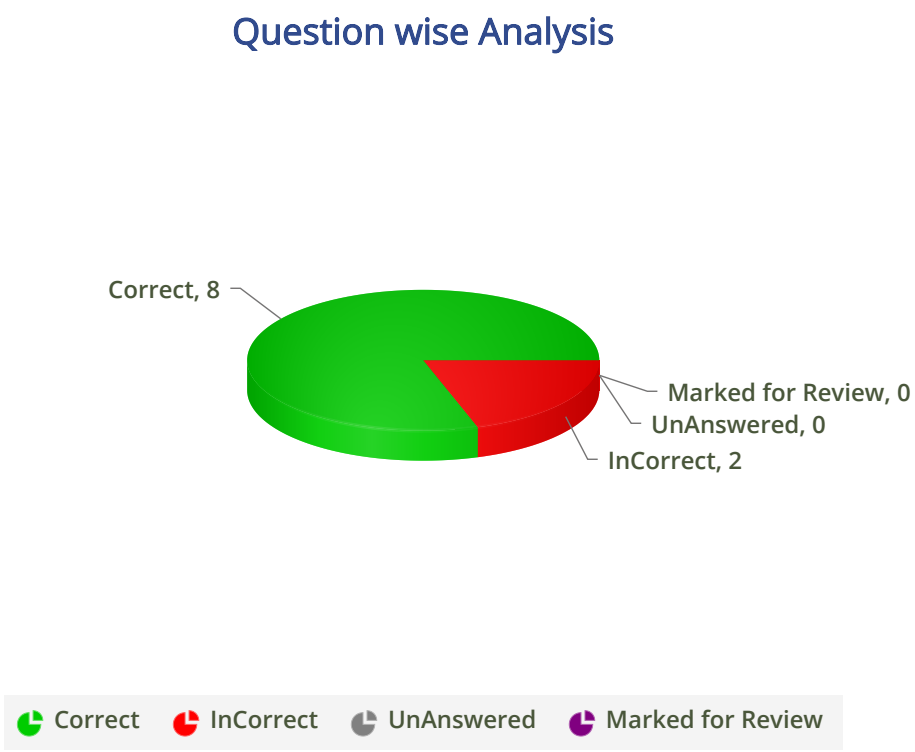
1. Incorrect to incorrect response change:
    You may need to work more on the concept level, in order to gain confidence.
2. Incorrect to correct response change:
    At the first glance you were not very sure about the solution.
    You must spend at least 1 minute per question and if you are not able to reach to the solution, you must revisit the question to enhance your score.
    Perform this response change only when you are confident or have spotted a mistake in the solution of your first response.
3. Correct to incorrect response change:
    You are not sure of the solution and have either applied a wrong concept or made a calculation mistake.
    You need to practice more questions on the same concept.
4. Correct to unanswered response change:
    You are not sure of the solution
    You need to practice more questions on the same concept.
    Perform this response change only when you are not confident of your solution.
    You must try to spend at least 1 min before leaving it unanswered.
5. Incorrect to unanswered response change:
    Your judgment of avoiding negative marks is right.
    You must try to spend at least 1 min before leaving it unanswered.

Overview: Functions and Array Assessment

The below table provides your marks in Functions and Array Assessment along with the average marks scored by the others (students who cleared this assessment) and the marks scored by the topper.

MARKS SCORED BY YOU	YOUR SECTION PERCENTAGE	YOUR SECTION ACCURACY	TIME SPENT BY YOU (IN MINS)
8.00 / 10.00	80.00%	80.00%	12:35

Note: *The percentage (%) and accuracy below the prescribed values (60%) are shown in red color*



Performance Analysis: Functions and Array Assessment

1. The below table analyzes your performance at question level
2. It highlights conceptually strong and improvement areas within the section and areas that require reinforcement of concepts.
3. The accuracy of the response to each question and time spent are correlated and interpreted in terms of expert advice on preparedness level.

Question wise details

Please click on question to view detailed analysis

= Not Evaluated	= Evaluated	= Correct	= Incorrect	= Not Attempted
= Marked for Review	= Answered	= Correct Option	= Your Option	

Question Details

Q1. Elements in an array are accessed _____

Status : **Incorrect**

Options :

✔	1.	randomly
👉	2.	sequentially
	3.	exponentially
	4.	logarithmically

Timespent (in sec): **18** | Correct to Incorrect: **0** | Incorrect to Correct: **0** | Incorrect to Incorrect: **0** | Correct to unanswered: **0** | Incorrect to unanswered: **0** | Unanswered to Correct: **0** | Unanswered to Incorrect: **1** |

Comments: **You have most probably committed a numerical or conceptual mistake or you would have guessed the answer.**

Q2. In the absence of a exit condition in a recursive function, the following error is given _____

Status : **Incorrect**

Options :

1. Compile time error
2. ✔ Run time error
3. Logical error
4. 👉 No error

Timespent (in sec): **32** | Correct to Incorrect: **0** | Incorrect to Correct: **0** | Incorrect to Incorrect: **0** | Correct to unanswered: **0** | Incorrect to unanswered: **0** | Unanswered to Correct: **0** | Unanswered to Incorrect: **1** |
Comments: **You have most probably committed a numerical or conceptual mistake or you would have guessed the answer.**

Q3. The data structure used to implement recursive function calls _____

Status : **Correct**

Options :

1. Array
2. Linked list
3. Binary tree
4. 👉 ✔ Stack

Timespent (in sec): **90** | Correct to Incorrect: **0** | Incorrect to Correct: **0** | Incorrect to Incorrect: **0** | Correct to unanswered: **0** | Incorrect to unanswered: **0** | Unanswered to Correct: **1** | Unanswered to Incorrect: **0** | Comments: **You are on the right preparation track on this topic.**

Q4. What will be the output of the following C code?

```
#include
main()
{
int n,i;
n=f(6);
printf("%d",n);
}
f(int x)
{
if(x==2)
return 2;
else
{
printf("+");
f(x-1);
}
}
```

Status : **Correct**

Options :

✔	1.	++++2
	2.	+++++2
	3.	+++++
	4.	2

Timespent (in sec): **170** | Correct to Incorrect: **0** | Incorrect to Correct: **0** | Incorrect to Incorrect: **0** | Correct to unanswered: **0** | Incorrect to unanswered: **0** | Unanswered to Correct: **1** | Unanswered to Incorrect: **0** | Comments: **You are on the right preparation track on this topic.**

Q5. How many times is ‘a’ printed when the following C code is executed?

```
#include
main()
{
int a;
a=f1(10);
printf("%d",a);
}
f1(int b)
{
if(b==0)
return 0;
else
{
printf("a");
f1(b--);
}
}
```

Status : **Correct**

Options :

1. 9 times
2. 10 times
3. 0 times
4. ✔ Infinite number of times

Timespent (in sec): **189** | Correct to Incorrect: **0** | Incorrect to Correct: **0** | Incorrect to Incorrect: **0** | Correct to unanswered: **0** | Incorrect to unanswered: **0** | Unanswered to Correct: **1** | Unanswered to Incorrect: **0** | Comments: **You are on the right preparation track on this topic.**

Q6. Assuming int is of 4bytes, what is the size of int arr[15];?

Status : **Correct**

Options :

1. 15
2. 19
3. 11
4. ✔ 60

Timespent (in sec): **26** | Correct to Incorrect: **0** | Incorrect to Correct: **0** | Incorrect to Incorrect: **0** | Correct to unanswered: **0** | Incorrect to unanswered: **0** | Unanswered to Correct: **1** | Unanswered to Incorrect: **0** | Comments: **You are on the right preparation track on this topic.**

Q7. What are the disadvantages of arrays?

Status : **Correct**

Options :

1. Data structure like queue or stack cannot be implemented
2. ✔ There are chances of wastage of memory space if elements inserted in an array are lesser than the allocated size
3. Index value of an array can be negative
4. Elements are sequentially accessed

Timespent (in sec): **37** | Correct to Incorrect: **0** | Incorrect to Correct: **0** | Incorrect to Incorrect: **0** | Correct to unanswered: **0** | Incorrect to unanswered: **0** | Unanswered to Correct: **1** | Unanswered to Incorrect: **0** | Comments: **You are on the right preparation track on this topic.**

Q8. In general, the index of the first element in an array is _____

Status : **Correct**

Options :

1. ✔ 0
2. -1
3. 2
4. 1

Timespent (in sec): **9** | Correct to Incorrect: **0** | Incorrect to Correct: **0** | Incorrect to Incorrect: **0** | Correct to unanswered: **0** | Incorrect to unanswered: **0** | Unanswered to Correct: **1** | Unanswered to Incorrect: **0** | Comments: **You are on the right preparation track on this topic.**

Q9. What are the advantages of arrays?

Status : **Correct**

Options :

1. Objects of mixed data types can be stored
2. Elements in an array cannot be sorted
3. Index of first element of an array is 1
4. ✔ Easier to store elements of same data type

Timespent (in sec): **33** | Correct to Incorrect: **0** | Incorrect to Correct: **0** | Incorrect to Incorrect: **0** | Correct to unanswered: **0** | Incorrect to unanswered: **0** | Unanswered to Correct: **1** | Unanswered to Incorrect: **0** | Comments: **You are on the right preparation track on this topic.**

Q10. What will be the output of the following C code?

```
#include
main()
{
int n;
n=f1(4);
printf("%d",n);
}
f1(int x)
{
int b;
if(x==1)
return 1;
else
b=x*f1(x-1);
return b;
}
```

Status : **Correct**

Options :

1. 24
2. 4
3. 12
4. 10

Timespent (in sec): 151 | Correct to Incorrect: 0 | Incorrect to Correct: 0 | Incorrect to Incorrect: 0 | Correct to unanswered: 0 | Incorrect to unanswered: 0 | Unanswered to Correct: 1 | Unanswered to Incorrect: 0 | Comments: **You are on the right preparation track on this topic.**

Your Response Change Pattern: Functions and Array Assessment

The below table provides the number of times you have changed your responses to the Functions and Array Assessment questions and also the nature of those response changes.

CORRECT TO INCORRECT	INCORRECT TO CORRECT	INCORRECT TO INCORRECT	CORRECT TO UNANSWERED	INCORRECT TO UNANSWERED	UNANSWERD TO CORRECT	UNANSWERD TO INCORRECT
0	0	0	0	0	8	2

Error Identification and Rectification: Functions and Array Assessment

Q1. NA

Q2. NA