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Assessment Date : 30-09-2024 09:29:38 (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
Dynamic Memory Allocation and File Handling Assessment (C Dynamic Memory Allocation and File Handling Assessment)	9.10 and above	8.10 to 9.00	6.10 to 8.00	Below 6.00
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
Dynamic Memory Allocation and File Handling Assessment (C Dynamic Memory Allocation and File Handling 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 **Dynamic Memory Allocation and File Handling Assessment**. So it is suggested that you attempt **Dynamic Memory Allocation and File Handling 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

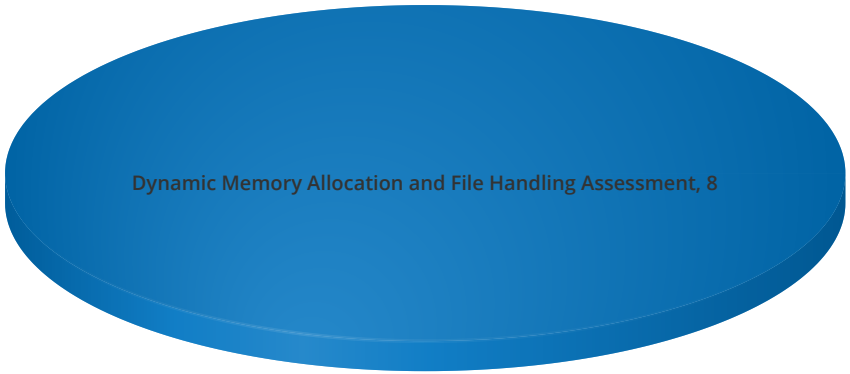
The below table shows section-wise analysis of marks scored by you, time spent by you, your percentage, your accuracy and number of correct, incorrect, unanswered and marked for review questions.

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
Dynamic Memory Allocation and File Handling Assessment (C Dynamic Memory Allocation and File Handling Assessment)	8.00	15:45	80.00%	80.00%	10	10	10	8	2	0	0
Total	**8.00**	**15:45**	**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
Dynamic Memory Allocation and File Handling 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)
Dynamic Memory Allocation and File Handling Assessment (C Dynamic Memory Allocation and File Handling Assessment)	15:45
Total time spent	**15:45**

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
Dynamic Memory Allocation and File Handling Assessment (C Dynamic Memory Allocation and File Handling 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.

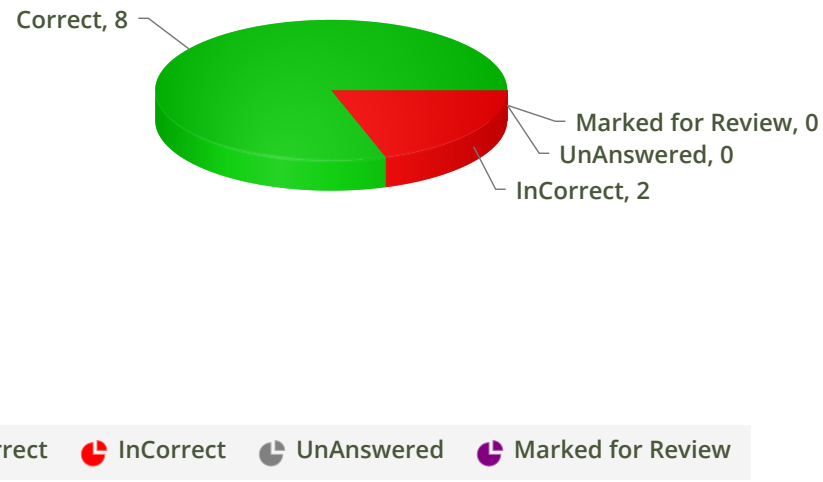
Overview: Dynamic Memory Allocation and File Handling Assessment

The below table provides your marks in Dynamic Memory Allocation and File Handling 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%	15:45

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

Question wise Analysis



Performance Analysis: Dynamic Memory Allocation and File Handling 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. The first and second arguments of fopen() are

Status : **Correct**

Options :

1. A character string containing the name of the file & the second argument is the mode
2. A character string containing the name of the user & the second argument is the mode
3. A character string containing file pointer & the second argument is the mode
4. None of the mentioned

Timespent (in sec): **245** | 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.**

Q2. Which of the following functions allocates multiple blocks of memory, each block of the same size?

Status : **Correct**

Options :

1. malloc()
2. realloc()
3. ✔ calloc()
4. free()

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.**

Q3. Which of the following header files must necessarily be included to use dynamic memory allocation functions?

Status : **Correct**

Options :

1. ✔ stdlib.h
2. stdio.h
3. memory.h
4. dos.h

Timespent (in sec): **93** | 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. fseek() should be preferred over rewind() mainly because

Status : **Correct**

Options :

1. rewind() doesn't work for empty files
2. rewind() may fail for large files
3. ✔ In rewind, there is no way to check if the operations completed successfully
4. All of the above

Timespent (in sec): 127 | 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. Which of the following true about FILE *fp

Status : **Correct**

Options :

1. A. FILE is a keyword in C for representing files and fp is a variable of FILE type.
2. B. FILE is a stream
3. C. FILE is a buffered stream
4. ✔ D. FILE is a structure and fp is a pointer to the structure of FILE type

Timespent (in sec): 25 | 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. Choose the statement which is incorrect with respect to dynamic memory allocation.

Status : **Incorrect**

Options :

1. Memory is allocated in a less structured area of memory, known as heap
2. Used for unpredictable memory requirements
3. ✓ Execution of the program is faster than that of static memory allocation
4. 👉 Allocated memory can be changed during the run time of the program based on the requirement of the program

Timespent (in sec): **45** | 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.**

Q7. FILE is of type _____

Status : **Correct**

Options :

1. int type
2. char * type
3. 👉 ✓ struct type
4. None of the mentioned

Timespent (in sec): **70** | 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. What will be the output of the following C code if the input entered as first and second number is 5 and 6 respectively?

```
#include
#include
main()
{
int *p;
p=(int*)calloc(3*sizeof(int));
printf("Enter first number\n");
scanf("%d",p);
printf("Enter second number\n");
scanf("%d",p+2);
printf("%d%d",*p,*(p+2));
free(p);
}
```

Status : **Correct**

Options :

1. 56
2. Address of the locations where the two numbers are stored
3. 57
4. ✔ Error

Timespent (in sec): **164** | 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. Which of the following mode argument is used to truncate?

Status : **Incorrect**

Options :

1. a
2. ✔ w
3. f
4. 👉 t

Timespent (in sec): **10** | 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.**

Q10. Local variables are stored in an area called _____

Status : **Correct**

Options :

1. Heap
2. Permanent storage area
3. Free memory
4. 👉 ✔ Stack

Timespent (in sec): **76** | 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: Dynamic Memory Allocation and File Handling Assessment

The below table provides the number of times you have changed your responses to the Dynamic Memory Allocation and File Handling 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: Dynamic Memory Allocation and File Handling Assessment

Q6. NA

Q9. NA