Question-Answers:

Section - 1 - MCQ

Question 1:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **1/1**
Time spent: **1 min, 26 secs**

What is the difference between a local variable and a global variable in C language?

- [x] Local variables are only accessible within a function, global variables are accessible throughout the program
- [ ] Global variables are only accessible within a function, local variables are accessible throughout the program
- [ ] Local and global variables are the same
- [ ] None of these

Candidate Answer:

- [x] Local variables are only accessible within a function, global variables are accessible throughout the program

Question 2:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **1/1**
Time spent: **1 min, 28 secs**

What is the difference between a pre-increment and a post-increment operator in C language?

- [x] Pre-increment increments the value before use, post-increment increments the value after use
- [ ] Post-increment increments the value before use, pre-increment increments the value after use
- [ ] Both pre-increment and post-increment are the same
- [ ] None of these

Candidate Answer:

- [x] Pre-increment increments the value before use, post-increment increments the value after use

Question 3:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **1/1**
Time spent: **51 secs**

What is the purpose of a continue statement in C language?

- [x] To skip an iteration in a loop
- [ ] To exit a loop
- [ ] To exit a function

All of these

Candidate Answer:

To skip an iteration in a loop

Question 4:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **1/1**
Time spent: **33 secs**

What is the syntax for a while loop in C language?

while(condition){}

do{} while(condition)

for(;;){}

None of these

Candidate Answer:

while(condition){}

Question 5:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **1/1**
Time spent: **41 secs**

What is the purpose of a break statement in C language?

To skip an iteration in a loop

To exit a loop

To exit a function

All of these

Candidate Answer:

To exit a loop

Question 6:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **1/1**
Time spent: **18 secs**

What is the purpose of the strcmp() function in C language?

To compare two strings

To copy a string to another string

To reverse a string

To reverse a string

None of these

Candidate Answer:

To compare two strings

Question 7:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **1/1**
Time spent: **2 mins, 11 secs**

What is the purpose of a default case in a switch statement in C language?

To handle cases that do not match any other case

To end a switch statement

To perform specific tasks

None of these

Candidate Answer:

To handle cases that do not match any other case

Question 8:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **1/1**
Time spent: **39 secs**

What is the purpose of the scanf() function in C language?

To read input from the user

To write output to the screen

To manipulate strings

None of these

Candidate Answer:

To read input from the user

Question 9:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **1/1**
Time spent: **21 secs**

What is the purpose of the strcpy() function in C language?

To copy a string to another string

To compare two strings

- To reverse a string
- None of these

Candidate Answer:

- ✓ To copy a string to another string

Question 10:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **1/1**
Time spent: **1 min, 41 secs**

What is the purpose of the sizeof operator in C language?

- ✓ To determine the size of a data type or variable
- To determine the size of a string
- To determine the size of an array
- All of the mentioned options

Candidate Answer:

- ✓ To determine the size of a data type or variable

Section - 2 - MCQ

Question 1:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **2/2**
Time spent: **46 secs**

What will be the output of the following code?

```
#include<stdio.h>
int main()
{
int arr[2][3] = {1, 2, 3, 4, 5, 6};
printf("%d", arr[0][2]);
return 0;
}
```

- 1
- 2
- ✓ 3
- 4

Candidate Answer:

3

Question 2:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **2/2**
Time spent: **1 min, 36 secs**

What will be the output of the following code?

```
#include<stdio.h>
int main()
{
int x = 50;
int *ptr1 = &x;
int *ptr2 = &x;
int y = ++*ptr2;
printf("%d %d", ++*ptr1, y);
return 0;
}
```

- 52 51
- 50 50
- 51 52
- 51 50

Candidate Answer:

52 51

Question 3:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **2/2**
Time spent: **2 mins, 49 secs**

What will be the output of the following code?

```
#include <stdio.h>
int main()
{
int x = 20;
int *ptr1 = &x;
int *ptr2 = ptr1;
ptr2 = &x;
*ptr1 = 30;
printf("%d %d", *ptr1, *ptr2);
return 0;
}
```

- 30 30
- 30 20
- 20 30

20 20

Candidate Answer:

30 30

Question 4:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **2/2**
Time spent: **46 secs**

What will be the output of the following code?

```
#include<stdio.h>
#include<string.h>
int main()
{
char name[10] = "Hello";
printf("%lu", strlen(name));
return 0;
}
```

5

10

6

4

Candidate Answer:

5

Question 5:

Total Time Spent Outside: **0 sec**
Total Move Count: **0**

Score: **2/2**
Time spent: **40 secs**

What will be the output of the following code?

```
#include<stdio.h>
#include<string.h>
int main()
{
char name[10] = "Hello";
name[0] = 'M';
printf("%s", name);
return 0;
}
```

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