Question-Answers:

Section - 1 - MCQ

Question 1:

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

Score: **1/1**
Time spent: **2 mins, 27 secs**

What is the scope of a variable declared with "register" storage class?

- Global Scope
- ✓ Local to the block in which it is defined
- Same as External storage class
- None of these

Candidate Answer:

- ✓ Local to the block in which it is defined

Question 2:

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

Score: **1/1**
Time spent: **19 secs**

A string in C is

- ✓ 1-D Array of Character
- 2-D Array of Character
- Any of A & B
- None of these

Candidate Answer:

- ✓ 1-D Array of Character

Question 3:

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

Score: **1/1**
Time spent: **1 min, 3 secs**

Which of the following statements is not valid logically? Given:- int arr[5][3];

- printf(“%d”, arr[4][2]);
- printf(“%d”, arr[0][1]);
- ✓ printf(“%d”, arr[5][2]);
- printf(“%d”, arr[1][0]);

Candidate Answer:

- [x] printf(“%d”, arr[5][2]);

Question 4:

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

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

Which of the following statement creates an integer array with 5 rows and 8 columns and assigns to array arr?

- [x] int arr[5][8];
- [ ] int arr[5][];
- [ ] int arr[8][5];
- [ ] int arr[][] = 5,8;

Candidate Answer:

- [x] int arr[5][8];

Question 5:

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

Score: **1/1**
Time spent: **1 min, 6 secs**

What is the purpose of a function call in C programming?

- [ ] To execute the function's code block
- [ ] To return a value from the function
- [ ] To pass parameters to the function
- [x] All of the above

Candidate Answer:

- [x] All of the above

Question 6:

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

Score: **1/1**
Time spent: **2 mins, 6 secs**

Prior to using a pointer variable what should be the ideal case?

- [ ] It should be initialized
- [ ] It should be declared
- [x] It should be both initialized and declared.
- [ ] None of these

Candidate Answer:

- ✔ It should be both initialized and declared.

Question 7:

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

Score: **1/1**
Time spent: **59 secs**

Which of the following correctly declares an array of size 1?

- int a[0];
- ✔ int a[1];
- int a;
- int a[-1];

Candidate Answer:

- ✔ int a[1];

Question 8:

Total Time Spent Outside: **2 secs**
Total Move Count: **1**

Score: **1/1**
Time spent: **7 mins, 39 secs**

What is a String in C Language?

- String is a new Data Type in C.
- ✔ String is an array of Characters with null character as the last element of array.
- String is an array of Characters with null character as the first element of array.
- String is an array of Integers with 0 as the last element of array.

Candidate Answer:

- ✔ String is an array of Characters with null character as the last element of array.

Question 9:

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

Score: **1/1**
Time spent: **53 secs**

What is the maximum number of dimensions an array in C may have?

- 20
- 50
- 100
- ✔ Theoretically no limit. The only practical limits are memory size and compilers

Theoretically no limit. The only practical limits are memory size and compilers

Candidate Answer:

- [x] Theoretically no limit. The only practical limits are memory size and compilers

Question 10:

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

Score: **1/1**
Time spent: **29 secs**

An array elements are always stored in _____ memory locations.

- [ ] Random
- [x] Sequential
- [ ] Sequential and Random
- [ ] None of these

Candidate Answer:

- [x] Sequential

Section - 2 - MCQ

Question 1:

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

Score: **2/2**
Time spent: **5 mins, 29 secs**

What is the output of the following code in C language?

```
#include <stdio.h>
int main()
{
int arr[4] = {10, 20, 30, 40};
int *ptr = arr;
printf("%d ", *(ptr + 2));
return 0;
}
```

- [ ] 10
- [ ] 20
- [x] 30
- [ ] 40

Candidate Answer:

- [x] 30

Question 2:

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

Score: **2/2**
Time spent: **2 mins, 8 secs**

Find the output of the following code:

```
#include <stdio.h>
void main()
{
const char name[]="hat";
name[0]='p';
printf("%s",name);
}
```

- hat
- pat
- ✓ Compile Time Error
- Run Time Error

Candidate Answer:

- ✓ Compile Time Error

Question 3:

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

Score: **2/2**
Time spent: **38 secs**

Find the output of the following code.

```
#include <stdio.h>
int main()
{
float marks[3] = {90.5, 92.5, 96.5};
int a=0;
while(a<3)
{
printf("%.2f\t", marks[a]);
a++;
}
return 0;
}
```

- 90.5 92.5 96.5
- 0.00 0.00 0.00
- Compile time error
- ✓ 90.50 92.50 96.50

Candidate Answer:

90.50 92.50 96.50

Question 4:

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

Score: **2/2**
Time spent: **5 mins, 2 secs**

What is the output of the following code in C language?

```
#include <stdio.h>
int main()
{
int x = 10;
int *ptr = &x;
int **ptr1 = &ptr;
printf("%d", **ptr1);
return 0;
}
```

- 10
- &x
- ptr
- None of the above

Candidate Answer:

10

Question 5:

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

Score: **2/2**
Time spent: **4 mins, 48 secs**

What is the output of the following code in C language?

```
#include <stdio.h>
int main()
{
char str[] = "Hello World";
char *ptr = str;
ptr += 6;
printf("%s", ptr);
return 0;
}
```

- Hello World
- World
- Error
- None of the above