

S-VI Online Test Exam on First Unit

Date: 25.05.2021

*Required

1. Name: *

2. Q.1 What is an Array in C language?

1 point

Mark only one oval.

- A group of elements of same data type
- An array contains more than one element
- Array elements are stored in memory in continuous or contiguous locations
- All the above

3. Q.2 Choose a correct statement about C language arrays.

1 point

Mark only one oval.

- An array address is the address of first element of array itself
- An array size must be declared if not initialized immediately
- Array size is the sum of sizes of all elements of the array
- All the above

4. Q.3 What are the Types of Arrays?

1 point

Mark only one oval.

- int, long, float, double
- struct, enum
- char
- All the above

5. Q.4 What is an array Base Address in C language?

1 point

Mark only one oval.

- Base address is the address of 0th index element
- Base address of an array b[] is &b[0]
- Base address of an array b[] can be printed with printf ("%d", b);
- All the above

6. Q.5 An array Index starts with?

1 point

Mark only one oval.

- 1
- 0
- 1
- 2

7. Q.6 What is the maximum number of dimensions an array in C may have?

1 point

Mark only one oval.

- Two
- eight
- sixteen
- Theoretically no limit. The only practical limits are memory size and compilers

8. Q.7 Array can be considered as set of elements stored in contiguous memory locations but having _____.

1 point

Mark only one oval.

- Same data type
- Different data type
- Same scope
- None of these

9. Q.8 Size of the array need not be specified, when

1 point

Mark only one oval.

- Initialization is a part of definition
- It is a formal parameter
- It is a declaration
- All of the above

10. Q.9 What is the maximum number of dimensions an array in C may have?

1 point

Mark only one oval.

- three
- four
- Eight
- Theoretically no limit. The only practical limits are memory size and compilers

11. Q.10 `int array[3][2] = {1, 2, 3, 4, 5, 6};`
`array[2][1]` in the sample code above contain?

What value does 1 point

Mark only one oval.

- 3
- 4
- 5
- 6

12. Q.11 What is right way to initialize array?

1 point

Mark only one oval.

- `int n(4) = { 1, 2, 3, 4 };`
- `int n{} = { 1, 2, 3, 4 };`
- `int num[4] = { 1, 2, 3, 4 };`
- `int n{4} = { 1, 2, 3, 4 };`

13. Q.12 Let x be an array. Which of the following operation is legal?

1 point

Mark only one oval.

- `x/2`
- `x*2`
- `x%5`
- `x+1`

14. Q.13 How many bytes the array price occupies.
`price[10];`

float 1 point

Mark only one oval.

- 10
- 40
- 20
- 30

15. Q.14 Choose a correct statement about C language arrays.

1 point

Mark only one oval.

- An array address is the address of first element of array itself
- An array size must be declared if not initialized immediately
- Array size is the sum of sizes of all elements of the array
- All the above

16. Q.15 What are the types of Arrays.?

1 point

Mark only one oval.


- int, long, float, double
- struct, enum
- char
- All the above

17. Q.16 int RollNum[30][4] is a?

1 point

Mark only one oval.

- 1-D Array
- 3-D Array
- 4- D Array
- 2-D Array

18. Q.17 What is the index number of the last element of an array with 29 elements? 

1 point

Mark only one oval.

- 29
- 28
- 0
- Programmer-defined

19. Q.18 Which of the following is a two-dimensional array?

1 point

Mark only one oval.

- array anarray[20][20];
- int anarray[20][20];
- int array[20, 20];
- char array[20];

20. Q.19 Which of the following correctly accesses the seventh element stored in foo, an array with 100 elements? 1 point

Mark only one oval.

- foo[6]
 foo[7]
 foo(7)
 foo

21. Q.20 What will happen if in a C program you assign a value to an array element whose subscript exceeds the size of array? 1 point

Mark only one oval.

- The element will be set to 0.
 The compiler would report an error.
 The program may crash if some important data gets overwritten.
 The array size would appropriately grow.

This content is neither created nor endorsed by Google.

Google Forms