

Question No : 1 of 26

Marks: 1 (Budgeted Time 1 Min)

The memory address of the first element of an array is called

Answer (Please select your correct option)

floor address

foundation address

first address

base address

correct

Made By: Waqar Siddhu

Question No : 2 of 26

Marks: 1 (Budgeted Time 1 Min)

We want to access array in random order which of the following approach is better?

Answer (Please select your correct option)

Pointers

correct

Array index

Both pointers and array index are better

Matrix

Made By: Waqar Siddhu

Question No : 3 of 26

Marks: 1 (Budgeted Time 1 Min)

The _____ structure is a multiple-selection construct which makes the code more efficient and easy to read and understand.

Answer (Please select your correct option)

multiple-if

switch

correct

if-else

else-if

Made By: Waqar Siddhu

Question No : 4 of 26

Marks: 1 (Budgeted Time 1 Min)

Which of the following is not a reserved word in C/C++?

int

float

double

sum

correct

Made By: Waqar Siddhu

Question No : 5 of 26

Marks: 1 (Budgeted Time 1 Min)

To access rand(), which library is required to be included in program ?

conio.h

stdio.h

stdlib.h

iostream.h

correct

Made By: Waqar Siddhu

Question No : 6 of 26

Marks: 1 (Budgeted Time 1 Min)

What is the highest legal index for the following array?
int arr[4]

4

3

2

1

correct

Made By: Waqar Siddhu

Question No : 7 of 26

Marks: 1 (Budgeted Time 1 Min)

When an array element is passed to a function, it is passed by _____.

Answer (Please select your correct option)

reference

correct

data type

value

data

Made By: Waqar Siddhu

Question No : 8 of 26

Marks: 1 (Budgeted Time 1 Min)

While programming, it is good to provide an easy to understand and easy to use interface; this programming skill is called _____.

Answer (Please select your correct option)

scalability

usability

correct

reliability

sustainability

Made By: Waqar Siddhu

Question No : 9 of 26

Marks: 1 (Budgeted Time 1 Min)

Word processor is a type of a/an _____.

Answer (Please select your correct option)

operating system

application software

correct

device driver

utility software

Made By: Waqar Siddhu

Question No : 10 of 26

Marks: 1 (Budgeted Time 1 Min)

'while' loop may execute _____ or more times.

Answer (Please select your correct option)

three

zero

correct

two

one

Made By: Waqar Siddhu

Question No : 11 of 26

Marks: 1 (Budgeted Time 1 Min)

The keyword _____ is used to get some value back from a function.

Answer (Please select your correct option)

return

correct

break

continue

goto

Made By: Waqar Siddhu

Question No : 12 of 26

Marks: 1 (Budgeted Time 1 Min)

Identify the correct option which is used for calling the function float area (int).

Answer (Please select your correct option)

area(&num) ;

area(num) ;

area(int num) ;

correct

area(*num) ;

Made By: Waqar Siddhu

Question No : 13 of 26

Marks: 1 (Budgeted Time 1 Min)

The _____ statement allows us to select from multiple choices based on a set of fixed values for a given expression.

Answer (Please select your correct option)

switch

correct

break

continue

goto

Made By: Waqar Siddhu

Question No : 14 of 26

Marks: 1 (Budgeted Time 1 Min)

C is widely known as development language of _____ operating system.

Answer (Please select your correct option)

Windows

Unix

correct

Mac OS

Linux

Made By: Waqar Siddhu

Question No : 15 of 26

Marks: 1 (Budgeted Time 1 Min)

To convert the value of one type into another type using built-in functions, we include _____ header file.

Answer (Please select your correct option)

conio.h

stdlib.h

correct

iostream.h

string.h

Made By: Waqar Siddhu

Question No : 16 of 26

Marks: 1 (Budgeted Time 1 Min)

Syntax of a union is identical to _____.

Answer (Please select your correct option)

structure

correct

class

function

loop

Made By: Waqar Siddhu

Question No : 17 of 26

Marks: 1 (Budgeted Time 1 Min)

The function seekg() takes _____ parameter(s).

Answer (Please select your correct option)

0

1

2

correct

3

Made By: Waqar Siddhu

Question No : 18 of 26

Marks: 1 (Budgeted Time 1 Min)

The function write() takes _____ as parameter(s).

Answer (Please select your correct option)

String of pointer type

String of variable lengths, no. of bytes to be read and flags

Pointer array of characters and a delimiter

String and no. of bytes to be written

correct

Made By: Waqar Siddhu

Question No : 19 of 26

Marks: 1 (Budgeted Time 1 Min)

When the logical operator AND (&&) combines two expressions exp1 and exp2 then the result will be true only _____

Answer (Please select your correct option)

When both exp1 and exp2 are true

correct

When both exp1 and exp2 are false

When exp1 is true and exp2 is false

When exp1 is false and exp2 is true

Made By: Waqar Siddhu

Question No : 20 of 26

Marks: 1 (Budgeted Time 1 Min)

Null character is used to indicate the _____ of string.

Answer (Please select your correct option)

Start

End

correct

Begin

Middle

Made By: Waqar Siddhu

Question No : 21 of 26

Marks: 2 (Budgeted Time 4 Min)

A two-dimensional array has 3 rows and 4 columns. Write down the syntax to initialize first element of all three rows of two-dimensional array with value 2.

Answer (Please click here to Add Answer)



Made By: Waqar Siddhu

Question No : 22 of 26

Marks: 2 (Budgeted Time 4 Min)

Identify any logical or syntax error in the statement below and explain the reason of the error.

```
seekg (-10L, ios::beg);
```

Answer ([Please click here to Add Answer](#))

Rich text editor toolbar with options for Bold, Italic, Underline, Text Color, Background Color, Bulleted List, Numbered List, Indent, Outdent, Undo, Redo, and a 100% zoom level. The text area is currently empty.

Made By: Waqar Siddhu

Question No : 23 of 26

Marks: 3 (Budgeted Time 6 Min)

Using the given array declaration:

```
int arr[] = {1, 2, 3, 4, 5, 6, 7, 8, 9};  
int* arr_ptr = arr;
```

Find out the value of each of the expressions below.

Answer ([Please click here to Add Answer](#))

Rich text editor toolbar with options for Bold, Italic, Underline, Text Color, Background Color, Bulleted List, Numbered List, Indent, Outdent, Undo, Redo, and a 100% zoom level. The text area is currently empty.

Made By: Waqar Siddhu

Question No : 23 of 26

Marks: 3 (Budgeted Time 6 Min)

```
int* arr_ptr = arr;
```

Find out the value of each of the expressions below.

1. `*(arr_ptr + 4)`
2. `*(arr_ptr)++`
3. `*(arr_ptr++)`

Answer ([Please click here to Add Answer](#))

Rich text editor toolbar with options for Bold, Italic, Underline, Text Color, Background Color, Bulleted List, Numbered List, Indent, Outdent, Undo, Redo, and a 100% zoom level. The text area is currently empty.

Made By: Waqar Siddhu

Question No : 24 of 26

Marks: 3 (Budgeted Time 6 Min)

If you are provided two methods for accessing a file; random and sequential. Which method will you prefer and why?

Answer ([Please click here to Add Answer](#))

Rich text editor toolbar with options: Normal, Arial, 12, B, I, U, and a 100% zoom level. The answer area is currently blank.

Made By: Waqar Siddhu

Question No : 25 of 26

Marks: 5 (Budgeted Time 10 Min)

Following are two programming statements; you have to write down the functionality of each statement?

- 1) `int *const intPtr = &x;`
- 2) `const int *intPtr = &x;`

Answer ([Please click here to Add Answer](#))

Rich text editor toolbar with options: Normal, Arial, 12, B, I, U, and a 100% zoom level. The answer area is currently blank.

Made By: Waqar Siddhu

Question No : 26 of 26

Marks: 5 (Budgeted Time 10 Min)

Find out errors in the program if any and after correction, write the output.

```
int main()
{
ofstream outfile;
long position;
```

Answer ([Please click here to Add Answer](#))

Rich text editor toolbar with options: Normal, Arial, 12, B, I, U, and a 100% zoom level. The answer area is currently blank.

Made By: Waqar Siddhu

Question No : 26 of 26

Marks: 5 (Budgeted Time 10 Min)

```
long position;
char outfileName[] = "abc.txt";
outfile.open(outfileName);
if(!outfile)
{
    cout<<"Error Occured while opening a file";
}
```

Answer (Please [click here](#) to Add Answer)



Normal Arial 12 B I U

Made By: Waqar Siddhu

Question No : 26 of 26

Marks: 5 (Budgeted Time 10 Min)

```
...
    exit(1);
}
outfile.write("This is a car", 12);
position = outfile.tellp();
outfile.seekp(position-5);
outfile.write("jar", 3);
```

Answer (Please [click here](#) to Add Answer)



Normal Arial 12 B I U

Made By: Waqar Siddhu

Question No : 26 of 26

Marks: 5 (Budgeted Time 10 Min)

```
position = outfile.tellp();
outfile.seekp(position-5);
outfile.write("jar", 3);
outfile.close();
return 0;
}
```

Answer (Please [click here](#) to Add Answer)



Normal Arial 12 B I U

Made By: Waqar Siddhu