

CS-201 Introduction To Programming Update MCQS For Mid Term Solve By Vu Topper RM

85% To 100% Marks

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In an n-dimensional array, we use _____ 'for loop(s)' to populate the array.

- A. n**
- B. n+2
- C. n+1
- D. n-1

What will be the correct syntax for declaration of the following statement?"ptr is a constant pointer to an integer"

- A. const int *myptr;
- B. int const *ptr;
- C. const * int myptr;
- D. int *const ptr ;**

'\0' takes _____ space in the memory.

- A. 8 Bytes
- B. 4 Bytes
- C. 2 Bytes
- D. 1 Bytes**

What will be the output of the following C++ code?{ char str1[6] = "Hello"; char str3[5]; strcpy(str3, str1); cout <<strlen(str3) ; }

- A. 6
- B. 8
- C. 7
- D. 5**

For the following statement, how much memory will be allocated to myarray[1]?char * myarray[] = {"Arif", "Sadia"};

- A. 7 Bytes
- B. 6 Bytes**
- C. 5 Bytes
- D. 4 Bytes

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ifstream inFile; refers _____.

- A. object for editing in a file
- B. object for reading from a file**
- C. object for writing to a file
- D. deleting a file

Character strings are terminated by _____.

- A. \0**
- B. \o
- C. \n
- D. \t

Which of the following is true about streams? A.It is a sequence of bytes B.It is an ordered sequence C.All bytes can go through the stream simultaneously D.Bytes that enters first into the stream will go out at last

- A. A and D
- B. A and B
- C. A only**
- D. C only

The value of a pointer can be _____.

- A. address of a variable**
- B. name of the variable
- C. value of the variable
- D. none of the given options

What is output of following code?
`int data[10] = {10,20,30,40,50,60,70,80,90,100};
int *xptr = &data[4];
int *yptr = &data[6];
cout<<xptr + yptr++;`

- A. Syntax error**
- B. 110
- C. 120

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D. 130

When an identifier is declared with keyword const then,

- A. Its value can be changed with arithmetic operator
- B. Its value can be changed during execution.
- C. Its value cannot be changed**
- D. Its value can be overwritten

We can read, write and manipulate the same file using _____.

- A. iomanip.h
- B. fstream.h**
- C. iostream.h
- D. stdio.h

The parameter passed to isdigit() function is _____ variable.

- A. Boolean
- B. Character**
- C. Float
- D. Double

Following is an array of _____ rows and _____ columns. int num[3][4];

- A. 3,4**
- B. 4,5
- C. 2,3
- D. 4,3

Strings are accessed by variable of type _____.

- A. int
- B. char**
- C. float
- D. double

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A string which is assigned to a string variable is terminated by _____.

- A. Colon
- B. Null character**
- C. Boolean expression
- D. Semicolon

Ifstream is used for _____

- A. Input file stream**
- B. All of the given
- C. Output file stream
- D. Input and output file stream

In Analysis, we try to have a _____.

- A. Mixture of multiple problems
- B. Precise problem statement**
- C. Determined the inputs
- D. Break up of problem

What will be the output of the following code snippet?
`char dest[50] = "Using strcat function,"; char src[50] = " this part is added and this is ignored"; strcat(dest, src, 19); cout << dest ;`

- A. Using strcat function, and this is ignored**
- B. Using strcat function, this part is added
- C. Using strcat function, this part
- D. Using strcat function, this part is added and this is ignored

If $j=10$ and $x = ++j$, then the value of x will be _____.

- A. 10
- B. 11**
- C. 12
- D. 9

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_____ operator is used to pass the address of a variable in call by reference method.

- A. &
- B. @
- C. %
- D. +

For breaking complex problems into smaller pieces we use _____.

- A. Loops
- B. Break statement
- C. if/else
- D. function

If a function has not been declared before its definition, it is a -----.

- A. Late binding error
- B. run time error
- C. logical error
- D. syntax error

For the given function prototype, which of the given function calls is appropriate/correct.
float add(int);

- A. **add(int x);**
- B. add(&x);
- C. add(x);
- D. add(*x);

In if structure the block of statements executes when the condition is _____.

- A. True
- B. False
- C. Contains arithmetic operator
- D. Contains logical operator

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When No. of repetition is known then we use the _____ structure to perform repetition tasks.

- A. Do while loop
- B. For loop**
- C. While loop
- D. Switch

Compiler translates high level language program into _____ language code.

- A. C
- B. C#
- C. Java
- D. Machine**

First step in designing a program is _____.

- A. linking
- B. compling
- C. coding
- D. analysis**

$x+=2$ means

- A. $x = x + x$
- B. $x = 2 + 2$
- C. $x = x + 2$**
- D. $x + 2 = 2$

&& is a _____ operator.

- A. Arithmetic
- B. Mathematical
- C. Relational
- D. Logical**

Modulus operator (%) is only used with _____ type of operands.

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- A. float
- B. double
- C. char
- D. int**

" < " and " > " both are _____ operators.

- A. Logical
- B. Mathematical
- C. Relational**
- D. Arithmetic

Which step is not performed during a proper program design?

- A. Write details about the performance of program**
- B. Formulate statements and comments in a precise language
- C. Pay attention to detail
- D. Analyze a problem statement, typically expressed as a word problem

Find the syntax error in the following piece of code? if (x > y);
cout<<" x is greater than y "; else cout<<"y is greater than x";

- A. Condition in the if statement is wrong
- B. No error in the code
- C. Braces not given for if and else blocks
- D. Semicolon should not be after the if statement**

The result of 4 % 3 will be

- A. 1**
- B. 1.5
- C. 2
- D. 1.33

What will be the output of the following program?void car() {cout <<
"Honda";}int main() {Car();}

- A. Car

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B. **Syntax Error**

C. Honda car

D. Honda

Loops are _____ Structure

A. Decision

B. Repetition

C. Sequential

D. None of the given options

While programming, how many skills should a programmer focus on?

A. 2

B. 5

C. 4

D. 3

If `int a = 50;` then the value of `a/= 3;` will be,

A. 17

B. 16

C. 15

D. 18

What will be the output of the following while loop?
`int counter = 0`

`;while(counter < 15)cout << counter << " ";counter++;`

A. 1 2 3 4 5

B. Infinite loop

C. Compile time error

D. 1 2 3 4

The ASCII code of null character is _____.

A. 000

B. 111

C. 010

D. 110

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What will be the output of following code segment?
`for (int i = 2; i<10; i++){ if (i == 5) continue; cout << i << ", " ;}`

- A. 4,6,7,8,9,
- B. 2,3,4,
- C. 2,3,7,8,9,
- D. 2,3,4,6,7,8,9**

Telling a computer what to do, is called _____.

- A. Designing
- B. Compiling
- C. Implementing
- D. Programming**

A while loop may execute _____ or more times.

- A. 0**
- B. 1
- C. 2
- D. 3

Which of the following is not the subcategory of the system software?

- A. Utilities
- B. Application software**
- C. Device drivers
- D. Operating system

What is the output of the following code if the 2nd case is true switch

```
(var){case 'a':cout<<"apple"<<endl;case  
'b':cout<<"banana"<<endl;case  
'm':cout<<"mango"<<endl;default:cout<<"any fruit"<<endl;}
```

- A. none of the above**
- B. banana mangoany fruit
- C. bananaany fruit
- D. banana

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In C/C++, a variable's name can start with the symbol _____.

- A. + Plus
- B. ; Semicolon
- C. **_ Underscore**
- D. : Colon

_____ Loop executes atleast one times.

- A. For
- B. Inner
- C. While
- D. **Do while**

X is an integer variable; what does X++ means,

- A. None of these
- B. Add 2 in X value
- C. **Add 1 in X value**
- D. Add 1 two times in X value

Learning to program is important because it develops _____ and _____ abilities.

- A. **Analytical, Problem solving**
- B. Reading, Problem solving
- C. Reading, Writing
- D. Analytical, Writing

Switch statement can be used in place of _____ statement.

- A. **Multiple if**
- B. continue
- C. go to
- D. break

What will be the result of arithmetic expression $5+25/5*5$?

- A. 45

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- B. 6
- C. 9
- D. 30**

Why we use "cout"?

- A. To display output on the console screen**
- B. None of the given options
- C. To read data from keyboard
- D. To send data to printer

A repetition statement specifies that an action is to be continued while some _____ remains true.

- A. Control
- B. Operator
- C. Condition**
- D. Assignment

If we pass more than one arguments to a function then they are separated by _____.

- A. Colon :
- B. Comma ,**
- C. Semicolon ;
- D. Double quotes "

In C++, what will be the highest index of the following array?int array[15];

- A. 13
- B. 14**
- C. 15
- D. 16

Which of the following is the right syntax to declare a variable in C++?

- A. DataType VariableName;**
- B. VariableName Datatype;

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- C. DataType = VariableName;
- D. (DataType) VariableName;

What will be the resultant value of this expression $x = 17 \% 3$?

- A. 3
- B. 4
- C. 1
- D. 2**

The most suitable data type for number 325.25 is _____.

- A. char
- B. float**
- C. int
- D. short

Switch support _____ data

- A. Int
- B. Char
- C. Float
- D. Both integer and character**

_____ are used to translate the code of our program into machine language.

- A. Editors
- B. Debuggers
- C. Linkers
- D. Compilers**

If $y = 20$ and $z = y++$, then the value of z will be _____.

- A. 20**
- B. 19
- C. 22
- D. 21

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!(x > 3) means in C++ that

- A. x is equal to 3
- B. x is less than 3**
- C. x is greater than 3
- D. x is less than or equal to 3

Continue statement usually forces the immediate _____ iteration of the loop.

- A. Previous
- B. next**
- C. first
- D. last

C++ is a _____ language.

- A. Low level
- B. High level**
- C. Machine
- D. Assembly language

What will be output of the following code segment?
`int value = 1; switch (value+value){ case 1 :cout << "Punjab " ;break; case 2 :cout << "Lahore" ;break; default :cout << "Pakistan" ; }`

- A. lahore**
- B. punjab
- C. pakistan
- D. Syntax error

Comments are written to explain the _____ of programs.

- A. Reliability
- B. Performance
- C. Functionality**
- D. Consistency

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What will be the correct output for the given program?
`int num = 1; switch () { case 1 : cout << "15 " ; break; default : cout << "20" ; }`

- A. 15
- B. 15,20
- C. 20
- D. error**

Which of the following is the correct way to write a compound assignment operator?

- A. x += 4;**
- B. x + == 4;
- C. x + = 4;
- D. None of the above

What will be the size of the following character array?
`char name[] = "Adeel"`

- A. 2
- B. 5**
- C. 6
- D. 8

A string in C is

- A. 2-D Array of character
- B. 1-D Array of character**
- C. 2-D Array of integer
- D. 1-D array of integer

_____ will be used for clarity and to force the order of evaluation in an expression.

- A. " "
- B. ' '
- C. []
- D. ()**

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if ($a > b \ \&\& \ a > c$) then the condition will be true only if

- A. $a > b$ is true and $a > c$ is false
- B. Both $a > b$ and $a > c$ are false
- C. **Both $a > b$ and $a > c$ are true**
- D. $a > b$ is false and $a > c$ is true

_____ of a variable means the locations within a program from where it can be accessed.

- A. value
- B. data type
- C. **Visibility**
- D. Reference

In switch statement there can be _____ default statement(s).

- A. **1**
- B. 2
- C. 3
- D. 4

To manipulate n-dimensional array, _____ nested loops are required.

- A. $n-2$
- B. **n**
- C. $n-1$
- D. $n+1$

Which of the following loops checks the test condition at the end of the loop?

- A. For
- B. While
- C. **Do-While**
- D. Nested Loop

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Which one of the following languages has been used to write the compiler of “C” language?

- A. fortran
- B. java
- C. basic
- D. C**

Question No:1

(Marks:1)

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To read command line argument the main() function itself must be given—

- A. 1
- B. 2**
- C. 3
- D. 4

Question No:2

(Marks:1)

Vu-Topper RM

eof is used to check for the _____ of file when a file is being read.

- A. Start
- B. End**
- C. Middle
- D. Name

Question No:3

(Marks:1)

Vu-Topper RM

The ASCHI code of null character is _____.

- A. 000**
- B. 010
- C. 111
- D. 110

Question No:4

(Marks:1)

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_____ contains functions for manipulations of character data.

- A. Ctype.h
- B. Iostream.h

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C. String.h ok

D. None of the given

Question No:5

(Marks:1)

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At the design phase, we try to break up the problem into _____.

A. Small units

B. Functional units

C. Non-functional units

D. None of the given

Question No:6

(Marks:1)

Vu-Topper RM

From the following; which one is the correct syntax of an array declaration: array size 5 and it is of float data type?

A. float [5] name;

B. name [5] float;

C. float name[5];

D. None of the given options

Question No:7

(Marks:1)

Vu-Topper RM

char name [] = "Hello World";

In the above statement, a memory of _____ characters will be allocated.

A. 13

B. 11

C. 12 ok

D. 10

Question No:8

(Marks:1)

Vu-Topper RM

Each array declaration must provide the information about all these things except _____.

A. Name of the array

B. Type of data stored in the array

C. The location of the first element to be stored

D. Number of elements of the array

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Question No:9

(Marks:1)

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When we access a multidimensional array, each array index is surrounded by _____.

- A. Single quotes "
- B. Double quotes ""
- C. Brackets []**
- D. Commas ,,

Question No:10

(Marks:1)

Vu-Topper RM

In the case of pointer to pointer or _____, the first pointer contains the address of the second pointer, which contains the address of the variable, which contains the desired value.

- A. Different
- B. Float and double
- C. Single dereference
- D. Double dereference**

Page 175 ok

Question No:11

(Marks:1)

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Whenever some number is added in an array name, it will jump as many _____ as the added number.

- A. Rows ok**
- B. Value
- C. Column
- D. None of the given

Question No:12

(Marks:1)

Vu-Topper RM

The statement cout << yptr will show the _____ the yptr points to.

- A. Value
- B. Variable
- C. None of given
- D. Memory Address**

Question No:13

(Marks:1)

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char **argv can be read as _____.

A. Pointer to Pimter

B. Pointer to Char

C. Pointer to Pointer to Char

Page 177

D. None of given

Question No:14

(Marks:1)

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_____ are conventional names of the command line parameters of the 'main()' function.

A. 'argb' and 'argv'

B. 'argc' and 'argv'

ok

C. 'argc' and 'argu'

D. None of Given

Question No:15

(Marks:1)

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_____ returns true if c is a letter and false otherwise.

A. int isalnum(int c)

B. int isalpha(int c)

C. int isxdigit(int c)

D. int isdigit(int c)

ok

Question No:16

(Marks:1)

Vu-Topper RM

Dereferencing operator is represented by _____.

A. +

B. *

ok

C. -

D. None

Question No:17

(Marks:1)

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In _____, we try to have a precise problem statement

A. Analysis

B. Design

C. Coding

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D. None of the given

Question No:18

(Marks:1)

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To read command-line arguments, the main() function itself must be given _____ arguments.

A. 2 ok

B. 3

C. 1

D. 4

Question No:19

(Marks:1)

Vu-Topper RM

For the following statement, how much memory will be allocated to myarray[0]?char * myarray[] = {"Arif", "Sadiah"};

A. 5 bytes

B. 4 bytes ok

C. 3 bytes

D. 1 bytes

Question No:20

(Marks:1)

Vu-Topper RM

Following is the declaration of a _____ array. int arr[2][2];

A. 1 dimensional

B. 2 dimensional ok

C. 4 dimensional

D. 3 dimensional

Question No:21

(Marks:1)

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A file opened with _____ is used for input and cannot be used for output.

A. Ifstream

Page 220

B. Ostream

C. Istream

D. Fstream

Question No:22

(Marks:1)

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A structure is a collection of _____ under a single name.

- A. Array
- B. Pointer
- C. Datatype
- D. Variables**

Question No:23

(Marks:1)

Vu-Topper RM

Following is an array of _____ rows and _____ columns. `int num[3][4];`

- A. 4 and 4
- B. 3 and 4**
- C. 4 and 3
- D. 3 and 3

Question No:24

(Marks:1)

Vu-Topper RM

What is output of following code?

```
Int data [10] = { 10,20,30,40,50,60,70,80,90,100};
```

```
Int*xptr=&data[4];
```

```
Int *xptr =&data [6];
```

```
Cout<< xptr+yptr++;?
```

- A. 120**
- B. 110
- C. 115
- D. 125

Question No:25

(Marks:1)

Vu-Topper RM

What will be the output of following program?

```
Int data[10]=[10,20,30,40,50,60,70,80,90,100];
```

```
Int*yptr=&data[5];
```

```
Cout<<++yptr
```

- A. 61**
- B. 51
- C. 60

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D. 52

Question No:26

(Marks:1)

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What will be the output of the following code segment?

```
Char myName[]="student ID";
```

```
Int n=sizeof(myName);
```

```
Cout<<n;
```

A. 10

B. 11 **ok**

C. 12

D. 15

Question No:27

(Marks:1)

Vu-Topper RM

Base address is the memory address of _____ element of an array.

A. 1st **ok**

B. 2nd

C. 3rd

D. 4th

Question No:28

(Marks:1)

Vu-Topper RM

The string in the array is terminated by a _____

A. Null

B. One

C. Two

D. Five

Question No:29

(Marks:1)

Vu-Topper RM

What will be the size of the following character array?

```
char name[]="Adeel";
```

A. 6

B. 5

C. 4

D. 3

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Question No:30

(Marks:1)

Vu-Topper RM

By default, the starting index of an array in C++ is _____.

- A. 2
- B. 0**
- C. 1
- D. 3

Question No:31

(Marks:1)

Vu-Topper RM

Following is the declaration of 2D array how many column are declared for this array `int arr[3][2];`

- A. 3
- B. 4
- C. 2** **ok**
- D. 1

Question No:32

(Marks:1)

Vu-Topper RM

In computer system there are mainly — type of software

- A. 4
- B. 2**
- C. 6
- D. 8

Question No:33

(Marks:1)

Vu-Topper RM

If we assign 2.06721 to an integer variable x, what will be the output if we print x using `cout<<x;` statement?

- A. 3
- B. 4
- C. 2** **ok**
- D. 1

Question No:34

(Marks:1)

Vu-Topper RM

The name of the array is a constant pointer which contains the memory address of the _____ of the array.

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A. First element ok

- B. Last element
- C. Second element
- D. None of the given

Question No:35 (Marks:1) **Vu-Topper RM**

By default the starting index of an array in C++ is—

A. 0

- B. 1
- C. 2
- D. 3

Question No:36 (Marks:1) **Vu-Topper RM**

At the _____, we try to break up the problem into functional units.

- A. Small units
- B. Design phase** ok
- C. Functional units
- D. None of the given

Question No:37 (Marks:1) **Vu-Topper RM**

If $x=11$, and $x\%=3$, than values of x will be

- A. 4
- B. 2**
- C. 6
- D. 8

Question No:38 (Marks:1) **Vu-Topper RM**

A variable of character data type occupies _____ byte(s) in memory.

- A. 0
- B. 2
- C. 1** ok
- D. 3

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Question No:39

(Marks:1)

Vu-Topper RM

If $y=20$ and $z=y++$ then the value of z will be—

A. 21

B. 20

C. 19

D. 18

Question No:40

(Marks:1)

Vu-Topper RM

What will be the output of the following code

```
String grade[3]={"A","B","C"};
```

```
Grade[2]="F";
```

```
Cout<<grade[2];
```

A. F

B. A

C. C

D. D

Question No:41

(Marks:1)

Vu-Topper RM

After evaluating the expression $X=10+3*4/2-1$ the value of x will be

A. 5

B. 10

C. 15

ok

D. 20

Question No:42

(Marks:1)

Vu-Topper RM

9If x is declare as an integer what will be result of the given expression

A. 2

B. 4

C. 6

D. 8

Question No:43

(Marks:1)

Vu-Topper RM

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The result of $4\%3$ will be

- A. 0
- B. 1**
- C. 2
- D. 3

Question No:44

(Marks:1)

Vu-Topper RM

Array indexes start from—

- A. 0**
- B. 1
- C. 4
- D. 8

Question No:45

(Marks:1)

Vu-Topper RM

A while loop many execute — or more times

- A. 1
- B. 0**
- C. 2
- D. 3

Question No:46

(Marks:1)

Vu-Topper RM

Pointers are a special type of _____ in which a memory address is stored.

- A. String
- B. Location
- C. Variables** ok
- D. Characters

Question No:47

(Marks:1)

Vu-Topper RM

What will be the size of the array declared as `int array[1000];`

999

1001

Question No:48

(Marks:1)

Vu-Topper RM

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Suppose that an integer type contains a memory address 0x22f220.
What will be the new memory address if we increment this pointer by one?

0x22f223

0x22f224

Question No:49

(Marks:1)

Vu-Topper RM

We use _____ to open a file or stream for extraction.

In

Out

Question No:50

(Marks:1)

Vu-Topper RM

Question No:51

(Marks:1)

Vu-Topper RM

From the following; which one is the range of Random number generator function rand()?

0 – 32767

1 – 32767

Question No:52

(Marks:1)

Vu-Topper RM

Pointers store the _____

Value of a variable

Memory address

Question No:53

(Marks:1)

Vu-Topper RM

Which of the following function call is “call by reference” for the following function prototype? int add (int *);

add(&x);

add(int x);

Question No:54

(Marks:1)

Vu-Topper RM

The use of * sign in first and second statements is called _____ and _____ of pointer.

A. referencing, referencing

B. dereferencing, referencing **ok**

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- C. dereferencing, dereferencing
- D. Referencing, dereferencing

Question No:55 (Marks:1)

Vu-Topper RM

Pointer points to a particular_____.

- A. Value
- B. Variable
- C. Data type

D. Memory address ok

Question No:56 (Marks:1)

Vu-Topper RM

ptr is a constant pointer to an integer

Int*const ptr;

Question No:57 (Marks:1)

Vu-Topper RM

Which of the following is used to create an output stream?

iostream.h

Question No:58 (Marks:1)

Vu-Topper RM

ofstream is used for_____

- A. Input file stream
- B. All of the given

C. Output file stream ok

D. Input and output file stream

Question No:59 (Marks:1)

Vu-Topper RM

Which of the following option is correct about array?

- A. Array is not used to store elements.
- B. Elements in an array cannot be sorted.
- C. Different types of elements can be stored in an array.

D. Only one type of elements can be stored in an array

Question No:60 (Marks:1)

Vu-Topper RM

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Which of the following is not a file opening mode_____?

ios::in

ios::out

ios::ate

ios::truncate

Question No:61

(Marks:1)

Vu-Topper RM

In____, we have different data members and all of these have their own memory space.

Structures

Question No:62

(Marks:1)

Vu-Topper RM

When accessing a structure member, the identifier to the left of the dot operator is the name of _____.

Structure variable

Question No:63

(Marks:1)

Vu-Topper RM

To get the value stored at a memory address, we use the_____.

A. binary operator

B. AND(&&) operator

C. referencing operator

D. Deferencing operator

Question No:64

(Marks:1)

Vu-Topper RM

Which of the following is the default mode of the file opening while using the ofstream class?

ios::out mod

Question No:65

(Marks:1)

Vu-Topper RM

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Given a two dimensional array of integers, what would be the correct way of assigning the value 6 to the element at third row and fourth column?

array[2][3] = 6 ;

Question No:66

(Marks:1)

Vu-Topper RM

Which of the following is a correct way to assign the address of the first element of array to pointer? int data[10];

A. int *ptr = data;

B. int *ptr = &data;

C. Int*ptr= data [0]

ok

D. int *ptr = data[2];

Question No:67

(Marks:1)

Vu-Topper RM

What is the use of ios::trunc mode?

To open a file in input mode

To open a file in output mode

To truncate an existing file to half

To truncate an existing file to zero

Question No:68

(Marks:1)

Vu-Topper RM

_____ function is used to determine the next position to write a character while writing into a file.

Tellg()

Tellp()

Page 215

Seekp()

Seekg()

Question No:69

(Marks:1)

Vu-Topper RM

We must include the header file _____ to convert the value of one type into another type using built-in functions.

A. stdlib.h

ok

B. conio.h

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- C. string.h
- D. iostream.h

Question No:70 (Marks:1) **Vu-Topper RM**

If we have a pointer on the left hand side then the right hand side should have a/an_____.

Address

Question No:71 (Marks:1) **Vu-Topper RM**

_____ is used for input file or for reading from the file.

Tellg()

Question No:72 (Marks:1) **Vu-Topper RM**

From following; which one is the correct syntax of an array initialize: Array size is 10 and it is of double data type to value 0? arr[10]={0.0};

double arr[10]={0.0};

Question No:73 (Marks:1) **Vu-Topper RM**

An object of _____ class can be created of saving the current position of any opened file before reading from the file.

Streampos

Question No:74 (Marks:1) **Vu-Topper RM**

We can say that a pointer is a variable that hold the _____ address.

Memory

Question No:75 (Marks:1) **Vu-Topper RM**

A character is stored in the memory in _____

byte

Question No:76 (Marks:1) **Vu-Topper RM**

suppose we have int y[10];To access the 4th element of the array we write_____

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- A. y[2];
- B. y[4];
- C. y[3];** ok
- D. none of given

Question No:77 (Marks:1) **Vu-Topper RM**
In C/C++; by default arguments are passed by _____ to a function.
Reference
Value

Question No:78 (Marks:1) **Vu-Topper RM**
_____ Keyword is used to return some value from a function.
A. Break
B. Goto
C. Continue
D. Return ok

Question No:79 (Marks:1) **Vu-Topper RM**
Which of the function call is call by value for the following function prototype?
float add(int); add(&x);
add(x);

Question No:80 (Marks:1) **Vu-Topper RM**
The increment of a pointer depends on its _____.
A. Values
B. Variable
C. Data type ok
D. None of the given

Question No:81 (Marks:1) **Vu-Topper RM**
Transpose of a matrix means that when we interchange rows and columns _____.
A. the Last row becomes the first column

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B. the first row becomes the Last column ok

C. The first row becomes the first column

D. the first column becomes the second column

Question No:82

(Marks:1)

Vu-Topper RM

!(x<3)mean in C++ that

X is greater than 3

Question No:83

(Marks:1)

Vu-Topper RM

Which of the following option is correct to complete the declaration of the function —(parameter1, parameter2) {
//code to be executed}

Void function name

Question No:84

(Marks:1)

Vu-Topper RM

How we declare an array of integer data whose size is 20 with array name count

Int count[20];

Question No:85

(Marks:1)

Vu-Topper RM

Which of the following is a reserve word for data types in C/C++

Int

Question No:86

(Marks:1)

Vu-Topper RM

C was developed with the help of— language

BCPL and B

Question No:87

(Marks:1)

Vu-Topper RM

An object of— class can be created for saving the current position of any opened file befor reading from the file

Streampos

Question No:88

(Marks:1)

Vu-Topper RM

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C++ is a — language

High level

Question No:89

(Marks:1)

Vu-Topper RM

In while loop the loop counter is initialized at—

Before entering the loop

Question No:90

(Marks:1)

Vu-Topper RM

What is the output of the following code if the 3rd case is true

```
Switch(var) { Case "a";  
Cout<<"apple"<<endl; }
```

A. Apple

B. Mango

C. Mango any fruit

D. none of the above

ok

Question No:91

(Marks:1)

Vu-Topper RM

_____ character is used to indicate the end of the string.

A. E

B. Null

ok

C. New line

D. Blank space

Question No:92

(Marks:1)

Vu-Topper RM

Which one of the following is used to perform bit wise exclusive or operation

|

Question No:93

(Marks:1)

Vu-Topper RM

Null character is represented by — C++

\0

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Question No:94

(Marks:1)

Vu-Topper RM

There is a pointer variable named ptr of type float. Which type of variable address can be stored by ptr?

- A. Int
- B. Char
- C. Float**
- D. Double

ok

Question No:95

(Marks:1)

Vu-Topper RM

X is a integer variable what does X++ means

Add 1 X value

Question No:96

(Marks:1)

Vu-Topper RM

When we call a function its control

Transfers to its definition

Question No:97

(Marks:1)

Vu-Topper RM

“\0” takes — space in the memory

1 Byte

Question No:98

(Marks:1)

Vu-Topper RM

— will be used for enclosing function statement into a block

{ }

Question No:99

(Marks:1)

Vu-Topper RM

How can we declare an array of characters whose size is 12 with array name “country”

- A. char country[11];
- B. char country[0-11];
- C. char [12] country;

D. Char country[12];

ok

Question No:100

(Marks:1)

Vu-Topper RM

We can access a global variable—

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From anywhere in the program

Question No:101 (Marks:1) **Vu-Topper RM**
We use `—` to include all those functions in our program which are located in different files

Linker

Question No:102 (Marks:1) **Vu-Topper RM**
Which is not true regarding structures

We can declare array of structure

Question No:103 (Marks:1) **Vu-Topper RM**
Mr .Ahmad sleep thirty hours every day .this sentence is—

Grammatically correct but illogical

Question No:104 (Marks:1) **Vu-Topper RM**
— will explain the function of a program

Comments

Question No:105 (Marks:1) **Vu-Topper RM**
Char**argv can be read as—

Pointer to pointer to char

Question No:106 (Marks:1) **Vu-Topper RM**
What will be output of the following code? string name[4] = {"Ali", "Bilal", "Omer", "Ayesha"}; cout << name[0];

- A. bilal
- B. **ali** **ok**
- C. ayesha
- D. omer

Question No:107 (Marks:1) **Vu-Topper RM**
The data type before a function name represents its,

A. Return type **ok**

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- B. Function data
- C. Function name
- D. Function arguments

Question No:108 (Marks:1) **Vu-Topper RM**

The expression $((a+b)==10) \parallel ((x+y)==20)$ is true only if
Either $((a+b)==10)$ OR $((x+y)==20)$ is

True

False

Question No:109 (Marks:1) **Vu-Topper RM**

We have opened a file stream myfile for reading (getting), myfile.tellg
() gives us the current get position of the file pointer. It returns a whole
number of type _____

- A. Int
- B. Long**
- C. Short
- D. Double

Page 215

Question No:110 (Marks:1) **Vu-Topper RM**

= operator is used for _____.

- A. Comparison
- B. Decision making
- C. Checking equality

D. Assigning values to variables ok

Question No:111 (Marks:1) **Vu-Topper RM**

What is the use of is::trunc mode

To truncate an existing file to zero

Question No:112 (Marks:1) **Vu-Topper RM**

Structures use _____ for memory allocation.

Heap

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Stack
Queue
Cache

Question No:113 (Marks:1) **Vu-Topper RM**

A _____ is an array of characters that can store number of character specified.

- A. Char
- B. String** ok
- C. Data type
- D. Multidimensional array

Question No:114 (Marks:1) **Vu-Topper RM**

— statement is used to terminate the processing of a particular case and exit from switch structure

Break

Question No:115 (Marks:1) **Vu-Topper RM**

Declaration of two dimensional array of integer having 3 rows and 5 column is following

In arr [3][5];

Question No:116 (Marks:1) **Vu-Topper RM**

A=a+1; can be written as—

A+=1;

Question No:117 (Marks:1) **Vu-Topper RM**

A record is a group of related _____.

- A. Data
- B. Files
- C. Bytes
- D. Fields** ok

Question No:118 (Marks:1) **Vu-Topper RM**

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What will be the result of arithmetic expression $6+48/4*3$?

A. 10

B. 41

C. 42 **ok**

D. 40.5

Question No:119

(Marks:1)

Vu-Topper RM

— construct is used to execute a set of instruction when a condition is true and other set when it is false

If/else

Question No:120

(Marks:1)

Vu-Topper RM

If an array has 50 element what is allowable range of subscripts

0-49

Question No:121

(Marks:1)

Vu-Topper RM

If `int a=50;` then the value of `a=3;` will be

16

Question No:122

(Marks:1)

Vu-Topper RM

Whenever some number is added in an array name it will jump as many—

Rows

Question No:123

(Marks:1)

Vu-Topper RM

_____ returns true if c is a digit or a letter and false otherwise.

A. `int isdigit(int c)`

B. `int isalpha(int c)`

C. `int isxdigit(int c)`

D. `int isalnum(int c)` **ok**

Question No:124

(Marks:1)

Vu-Topper RM

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Which of the following is the default mode of the opening using the of stream class

Ios::trunk

Question No:125

(Marks:1)

Vu-Topper RM

In which language the compiler of c language is written

C

Question No:126

(Marks:1)

Vu-Topper RM

While loop executes at least

One time

Question No:127

(Marks:1)

Vu-Topper RM

String are accessed by variable of type

Char

Question No:128

(Marks:1)

Vu-Topper RM

Which of the following is the correct operator to compare the values of two variables?

A. =

B. ==

ok

C. :=

D. * =

Question No:129

(Marks:1)

Vu-Topper RM

Not operator is a —

Single input operator

Question No:130

(Marks:1)

Vu-Topper RM

Pointer point to a particular

Memory address

Question No:131

(Marks:1)

Vu-Topper RM

A function is a block of statement that can be defined once and used—

As many times as user wants

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Question No:132

(Marks:1)

Vu-Topper RM

_____ function is used to find the number of characters in a string.

- A. str()
- B. str_len()
- C. Strlen()**
- D. strlen()

ok

Question No:133

(Marks:1)

Vu-Topper RM

!= operator is used to check whether the operand on the left-hand side is—

Not equal

Question No:134

(Marks:1)

Vu-Topper RM

A variable declared within a code block become _____ variable for that block

Local

Question No:135

(Marks:1)

Vu-Topper RM

If a file is opened with ios::out mode, then _____.

- A. file is deleted
- B. a new file is created
- C. content of file discarded

D. We can write in this file **ok**

Question No:136

(Marks:1)

Vu-Topper RM

Function prototype is written -----.

- A. Before call of that function** **ok**
- B. Within the parentheses of main()
- C. After the return statement in main
- D. Before the return statement in main

Question No:137

(Marks:1)

Vu-Topper RM

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_____ loop is mostly used to perform repetition of a tasks for a known number of times.

A. For ok

B. While

C. Do-while

D. Nested Loop

Question No:138

(Marks:1)

Vu-Topper RM

In shifting operations if zero is inserted at the left most bit the negative number will become a—

Positive

Question No:139

(Marks:1)

Vu-Topper RM

It is the job of — to transfer the executable code from hard disk to main memory

Loader

Question No:140

(Marks:1)

Vu-Topper RM

RAID stands for

Redundant array of inexpensive device

Question No:141

(Marks:1)

Vu-Topper RM

In call by reference — of a variable is passed to the called function

Address

Question No:142

(Marks:1)

Vu-Topper RM

The name of a location in memory is called _____.

A. Cell

B. Number

C. Constant

D. Variable

ok

Question No:143

(Marks:1)

Vu-Topper RM

Which statement is used to close a file?

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- A. myFile.off();
- B. myFile.shut();
- C. Myfile.close();** **ok**
- D. myFile.closefile();

Question No:144 **(Marks:1)** **Vu-Topper RM**

While handling files, one can have _____ options

- A. read the file
- B. write in some file
- C. All of the given** **ok**
- D. read and write in the same file

Question No:145 **(Marks:1)** **Vu-Topper RM**

Identify the logical error in the following if condition

If((i<5)&&(i>15))

Condition is always false

Question No:146 **(Marks:1)** **Vu-Topper RM**

The use of* sign in first and second statements is called

Int*ptr=&x;

Cout<<*ptr;

Referencing dereferencing

Question No:147 **(Marks:1)** **Vu-Topper RM**

C is widely known as development language of operating system

Linux

Question No:148 **(Marks:1)** **Vu-Topper RM**

What will be the correct syntax of declaration of the following statement

Const int*ptr

Question No:149 **(Marks:1)** **Vu-Topper RM**

We can read write and manipulate the same file using

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Fstream.h

Question No:150

(Marks:1)

Vu-Topper RM

Return type of a function that does not return any value must be

_____.

A. Int

B. Void ok

C. Char

D. Double

Question No:151

(Marks:1)

Vu-Topper RM

Pointer store the—

Memory address

Question No:152

(Marks:1)

Vu-Topper RM

— operator uses the sign^

Exclusive OR

Question No:153

(Marks:1)

Vu-Topper RM

Compiler translates high level language program into — language code

Machine

Question No:154

(Marks:1)

Vu-Topper RM

When the logical operator AND(&&) combine two expression exp1 and exp2 then the result will be true only

When both exp1 and exp2 are true

Question No:155

(Marks:1)

Vu-Topper RM

Multi[3][3]element can also be accessed by

***(*(multi+3)+3)**

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Question No:156 (Marks:1)

Vu-Topper RM

We get $12|8=$ — where “|”is(bit wise OR)

12

Question No:157 (Marks:1)

Vu-Topper RM

_____ is a substitute of multiple if statement.

A. Continue statement

B. Break statement

C. If— elseif statement **ok**

D. Default statement

Question No:158 (Marks:1)

Vu-Topper RM

Find out the logical error in following lines of code

If(x=10) Cout<<”x is 10”;

Assignment operator should not be used for comparison

Question No:159 (Marks:1)

Vu-Topper RM

Which is not true regarding structures

We can not declare pointers to structure

Question No:160 (Marks:1)

Vu-Topper RM

— are used to compile the code

Compiler

Question No:161 (Marks:1)

Vu-Topper RM

A— structure specifies that can action is to be repeated while some condition remains true

Repetition

Question No:162 (Marks:1)

Vu-Topper RM

— is used for output during the process of writing to the file

Seekp()

Question No:163 (Marks:1)

Vu-Topper RM

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In case of two dimensional array if you add some number in a two dimensional array name it will jump to the next—

Row

Question No:164 (Marks:1) **Vu-Topper RM**

Which step is not performed during a program design

Write details about the performance of program

Question No:165 (Marks:1) **Vu-Topper RM**

Suppose we have a file with name “myfile.txt”. What will be the correct syntax of file opening for input?

- A. myFile.open(“myfile.txt”, ios::in);**
- B. myFile.in(“myfile.txt”, ios::open);
- C. myFile.input(“myfile.txt”, ios::open);
- D. myFile.open(“myfile.txt”, ios::input);

Question No:166 (Marks:1) **Vu-Topper RM**

Which operator has the highest precedence?

(*,-,/,+)

- A. + has the highest precedence
- B. has the highest precedence
- C. *and/both have the same highest precedence** **ok**
- D. + and - both have the same highest precedence

Question No:167 (Marks:1) **Vu-Topper RM**

From the following which one is the range of random number generator function rand()

0-32767

Question No:168 (Marks:1) **Vu-Topper RM**

_____ variables are those that are defined outside of main

Global

Question No:169 (Marks:1) **Vu-Topper RM**

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When the compiler overload the assignment (=) operator by Default then

Compiler does member wise assignment

Question No:170

(Marks:1)

Vu-Topper RM

Following is the declaration of a _____ array. `int arr[2][2][2];`

A. 1 dimensional

B. 2 dimensional

C. 4 dimensional

D. 3 dimensional

ok

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