

Cs201p Quiz 1 Spring 2022

LAB1 and 2 MCQs

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NOTE:~

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1. Identify the invalid option

`Int* pi = 0;`

2. Word processor is

Application software

3. Each pass through a loop is called a/an

Iteration

4. What is the correct syntax to declare an array of size 10 of int data type?

`Int name[10];`

5. Which of the following operator is used to access the value of variable pointer to by a pointer

& operator

6. Analysis is the ____ step in designing a program

First

7. Paying attention to detail in designing a program is _____.

Necessary

8. Statement in curly braces is

Must

9. The while loop becomes infinite.

When the condition is always true

10. Which of the following function(s) is/are included in `stdlib.h` header file?

Double `atof(const char*nptr)`, `int atol(const char*nptr)` 1 and 2 only both

11. If we want to store a string `abc` in an array `str` then the size of this array must be at least

2

12. `Char name[] = "Hello world";`

In the above statement a memory of _____ characters will be allocated to the array `name`

11

13. Suppose we have declared a two dimensional array `multi`. To access elements using pointer we should use referencing like _____.

***multi**

14. Which of the following is the correct method to declare an array?

Data,type,array,name,[size]

15. What will be the output of the following code?

```
INt main(){  
  Int a(4)={1,2,3,4};  
  Cout<<a{2};  
}
```

3

16. Which of the following two arrays are copy able?

Int a[5]. Int b[5]

17. What will be the output of the following code?

```
Int main ()  
Char str1{} = "Hello";  
Char str2{}="World!";  
Cout<<strcat (str1,str2);  
}
```

HelloWorld!

18. In C++ using if statement if we want to execute more than one statement then we have to enclose all statement in _____

{ }

19. What is the output of the following statement?

```
Int I = 2.5;  
Do (cout i*2);  
While (I > 3 && I < 10);
```

Error

20. Searching is easier when an array is already sorted.

True

21. If an array has 100 elements what is allowable range of subscripts?

0 – 99

22. What will be the value of a and b after executing the following statements?

```
A = 3; b = a++;
```

4 , 3

23. Which of the following function returns the size of a string variable?

Strlen ()

24. Computer can understand only machine language code.

True

25. If the file is not properly closed in the program, the program _____.

Terminate normally

26. Which of the following header file include string conversion functions?

String.h

27. The function of cin is

To read data from keyboard

28. IN C/C++ language the header file which is used to perform useful task and manipulation

Ctype.h

29. The coding of a program is translated into machine language by _____.

Compiler

30. In C/C++ the algebraic expression $(b^2-4ac)/2a$ can be written as;

$(b*b-4*a*c)/(2*a)$

31. The coding of a program is translated into machine language by

Compiler

32. Which of the following expression is correct in C/C++ language?

X=X+3

33. _____ character is used to terminate a string

Null

34. In C++ atoi () function is used to convert _____.

Character string to integer

35. Which of the following is an example of repetition structure?

While

36. Function declaration is a one-line statement in which we write the return type, _____ of the function and the _____ of arguments.

Name, Data type

37. What will be the output of the following code?

```
Int main (){\n  Int a[4]={1,2,3,4};\n  Cout<<a[2];}
```

3

38. If the condition is not mode false in while loop, what will happen?

Local will become infinte

39. In C++ cout is known as _____.

Output stream

40. What will be the output of the following piece of code?

```
int square(int number){\n  int result = 0;\n  result = number *number;\n  return result;}\nint main()\n{\n  Cout<<square(9);\n}
```

81

41. What will be the output of the following code?

```
Int main(){\n  Int number[5] = {10,20,30,40,50};\n  Cout<<(number+3)}
```

40

42. Which of the following is not a file opening mode?

Ios::trune

43. Function declaration is a one-line statement in which we write the return type ____ of the function and the __ of argument
Name, Data type

44. In C++, the precise way to declare a pointer is.

```
Int*ptr;
```

45. In C++, what is the correct syntax for accessing the fifth element of an array?

```
A[4]
```

46. __ statement is necessary in switch structure.

```
Break
```

47. Normally the float data type is half of the size of _____.

```
Double
```

48. A variable declared inside a code block becomes the _____ variable for that block.

```
Local
```

49. In C++, all the string manipulation function are defined inside _ header file.

```
String.h
```

50. The size variable in the following program is a _ variable

```
#include<iostream>
-
Int size
-
Int main()
{
-
}
```

```
Global
```

51. What will be the output of the following code?

```
Int I = 0;
While(i!= 15){
```

```
Cout<<i<<"";  
I=i+5;  
}
```

0 5 10

52. Which of the following C++ statements is used take input from the user?

Cin

53. _____ statement is necessary in switch structure

Break

54. Learning how to program is important because it develops _____ and problem solving abilities.

Analytical

55. Which of the following option is used when working with complicated expressions in C++?

()

56. A binary operator has _____ operands

Two

57. Which of the following is the default function calling mechanism of C/C++?

Call by value

58. In C++ which of the following option has the correct meaning of the expression $a \leq b$?

A is less than or equal to b

59. What will be the output of the following code?

```
Int i=1;  
While(i<10){  
If(i%2==0)
```

```
Cout<<i<<" ";
```

```
I++;}
```

2,4,6,8

60. What will be the output of the following code

```
Int x =15;
```

```
Int y =10;
```

```
Int z =5;
```

```
Cout<<x*x - 4*y*z;
```

25

61. Which of the following expression is correct C/C++ language?

X=x+3

62. Which of the following is an example of logical operator

&&,||

63. In C/C++, which of the following data type is used to store real numbers?

Float

64. C/C++ has many libraries which contain variables and function names normally starting with _____.

Underscore

65. The coding of a program is translated into machine language by _____.

Compiler

66. Which of the following option gives the value stored at the address pointed to by the pointer "ptr"?

*ptr

LAB 2 Quiz

67. We cannot declare a function as a friend of _____ class

Istream or ostream

68. What will be the output of this given code

```
#include <iostream>
#include<iomanip>
Using namespace std;
Main()
{float num = 15.9999;
Cout<<setprecision (2)<<num;}
```

16

69. Automatic variables are created constantly and destroyed _____.

All the time

70. _____ are a conditional compilation process that is used to replace a piece of code by its definition in a program

Macros

71. Calloc() functions allocates multiple blocks of memory and each block have _____?

Same size

72. Which of the following header file deals with stream extraction?

Iostream.h

73. Trying to use getch() function without including #include<conio.h> header file in the program is a _____ error

Compilation

74. In C++ the default constructor takes _____.

No arguments

75. In C++ the name of the _____ is the same as that of a class with a preceding tilde (~) sign

Destructor

76. Which of the following option returns the state of end of file?

`Cin.eof();`

77. If the memory In the free store is not sufficient enough to fulfill the request, `malloc()` function returns _____.

NULL

78. In C/C++ language memory at runtime is allocated from _____.

Free store(heap)

79. When overloading assignment (=) operator which of the following syntax is correct?

`Void operator = (const string &s);`

80. What will be output of the following code

```
#include<iostream>
#include<iomanip>
Using namespace std;
Main()
{
Int num = 7
Cout<<setfil(“”) <<setw(4)<<num<<endl;}
```

***7

81. For overloading minus (.) operator which member operator function will be correct?

Complex operator – (Complex c)

82. In C++ which operator is used for memory allocation?

new

83. The statement `char arr[10]` is an example of a type of _____ memory allocation

Static

84. Which of the following options not a source of the output stream?

Region in the memory

85. Which is not a preprocessor directive of C language?

#startif

86. In the syntax of the overloaded operator function given below

Complex operator + (Complex &);

What is operator

Keyboard

87. If(day==daysofMonth(*this))

{}

In above code *this refers to;

Current class

88. How many objects are initialized for the class data? Date mydates[10];

10

89. What would be the output of the following statement? C=13%2

1

90. Which statement about pointer is not true?

Pointer can be void

91. Representing logical depiction of the solution to the problem is known as a _____.

Structure

92. Which statement about manipulator is not true?

It automatically gets that object as parameter passed in to the function

93. Which of the following options not a source of the output stream

screen

