

CS201P

Quiz File

**Q.1 We cannot declare a function as a friend of -----
classes**

Ans: istream or ostream

Q.2 Automatic variable are created constantly and destroyed

Ans: All the time

**Q.3:-----are a conditional compilation process that is used to
replace a piece of code by its definition in a programe**

Ans: function

**Q.4: calloc () functions allocates multiple blocks of memory
and each block have-----?**

Ans: same size

Q.5: in C++ sizeof operator is used to determine-----

Ans: not confirm

**Q.6:which of the following header file deals with stream
extraction?**

Ans: iostream.h

**Q.7: Type to use getch() function without including
#include<conio.h> header file in the program is a ----- error**

Ans: compilation

Q.8: in C++ the default constructor takes-----

Ans: Only one argument

Q.9: in C++ the name of the ----- is the same as that of a class with a preceding tild (~) sign.

Ans: Destructor

Q10: which of the following option returns the state of end file?

Ans: cin.eof()

Q.11: If the memory in the free store is not sufficient enough to fulfill the request , malloc () function return-----

Ans; Null

**Q.12: in C/C++ language . memory at runtime is allocated from -
-----**

Ans: Stack

Q.13: When overloading assignment (=) operator, which of the following syntax is correct?

Ans: void operator(=) const string &other:

Q.14: which of the following code:

Ans :*7**

Q.15: For overloading minus (-) operator, which member operator function will be correct?

Ans: complex operator-(complex c)

Q:16: In C++ which operator is used far memory allocated ?

Ans: New

Q.17: The Statement `char array [10];` is an example of a type of ----- memory allocation

Ans: static

Q.18: which of the following option not a source of the output stream?

Ans: file

Q.19: A square matrix has-----

Ans: Equal number of rows and columns

Q.20: The statement `*double elements;` says that `*elements*` is a / an ----- to double.**

Ans: Array of pointers

Q.21: A matrix is nothing but a ----- of numbers.

Ans: Two- dimensional array

Q.22: A programmer can ----- the simple matrix class to handle the integer, float, or double data type as elements of the given matrix.

Ans: Hide

Q.23: in C and C++ language, every expression has a ----- of its own?

Ans: Value

Q.24: The cycle of testing and ----- continues until the program is working perfectly without any problem.

Ans: Bug fixing

Q.25: Default scope for members of structures is ----- and default visibility for class members is ----

Ans: Public, Private

Q.26: If A and B are two matrices of order M*N to be added then their resultant matrix will have an order of

Ans: M*N

Q.27: if *m* is a matrix object, then self-assignment can be avoided by using following code statement

Ans: If (&m!=this);

Q.28: Which of the following is correct formate of template function?

Ans: Template <class T>

Q.29: In template class, compiler makes a copy of ---- and convert in to -----

Ans: Source code , Object code

Q.30: Far a matrix, the variables of Rows and Columns should always be a -----

Ans: Whole Number

Q:31: After implementation of code is completed, we do its ----- to verify that it is behaving properly in all scenarios.

Ans: Testing

Q.32: which three constructs do we need to solve any problem?

Ans: Classes, structures, functions

Q.33: Declaration and definition of a template function should be in the ----- file

Ans: same

Q.34: For template function, we must have at least ----- generic argument.

Ans: One

Q.35: In C++ , which of the following option has the correct meaning of the expression "a<=b"?

Ans: a is less than or equal to b

Q.36: which of the following code?

Ans: 2 4 6 8

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

```
Int x=15;
```

```
Iny y=10;
```

```
Int z= 5;
```

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

Ans: 25

Q.38:Which of the following expression is correct in C/C ++ language?

Ans: X=X+3

Q.39: Which of the following C++ statements I used take input from the user?

Ans: cin

Q.40: Which of the following is an example of logical operator?

Ans: &&,||

Q.41: in C/C++ , which of the following data type is used to store real numbers?

Ans: Float

Q.42: C/C++ has many libraries which contain variables and function names normally starting with -----

Ans: Underscore

Q.42: The coding of a program is translated into machine language by -----

Ans: Compiler

Q.43: Learning "How to program" is important, because it develops----- and problem solving abilities.

Ans: Analytical

Q.44: in C/C++ , the algebraic expression $(b^2-4ac)/2a$ can be written as:

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

Q.45: In C/C++, which of the following data type is used to store real member?

Ans: Float

Q.46: To understand programming concepts,----- programming language being used as a vehicle in cs201 “Introduction to programming” course.

Ans: C/C++

Q.47: The bit manipulators operator----- is used to check weather a specific bit is set or not.

Ans: &

Q48.: in C++, which operator is used while accessing through the pointer to structure?

Ans: ->

Q.49: Function seekg() and seekp() require an argument of type----- to let them know how many bytes to move forward backward.

Ans: Long

Q:50: Macro is defined by ----- preprocessor directive.

Ans: #define

Q.51: In C++ , when accessing files randomly, which function is used at get current pointer position inside a file?

Ans: tellg()

Q.52:Which is not a preprocessor directive of C-Language?

Ans: # Startif

**Q.53:The statement char arr [10]; is an example of a type of -----
-- memory allocation**

Ans: Built-in

Q.54: What would be the output of the following statement?

C=13%2;

Ans= 1

Q.55: Which of the following two array are copy-able?

Ans: int a[5],int b[5]

Q.56: A variable declared inside a code block becomes the ----- variable for that block.

Ans: Local

Q.57: Which type of arrays are used while dealing with sentences?

Ans: Character arrays

Q.58: In the call by reference method, which operator is used to get the address of a variable?

Ans: &

Q.59: Which of the following is the correct method to declare an array?

Ans: data-type array-name[size];

Q.60: char name []= "Hello World";

In the above statement, a memory of ----- characters will be allocated to the array name.

Ans: 12

Q.61 In C++ , what is the correct syntax for accessing the fifth element of an array?

Ans: a(4)

Q.62: Which of the following shows the memory address of the first element in an array?

Ans: array[0]

Q.63 In C++ , the precise way to declare a pointer is ,

Ans: int*ptr;

Q.64: Identify the invalid option.

Ans: int *pi=0;

Q.65: ----- character is used to terminate a string.

Ans: Null

Q.66: which of the following is an example of repetition structure?

Ans: while

Q.67: Function declaration is a one-line statement in which we write the return type,----- of the function and the----- of arguments

Ans: Name, Data type

Q.68: If the condition is not made false in while loop, what will happen?

Ans: Program will terminate only

Q.69: Which of the following optio gives the [value] stored at the address pointed to by the pointer “ptr”?

Ans: *ptr

Q.70: in C++ , cout is known as -----

Ans: output stream

Q.71: Which of the following is not a file opening mode?

Ans: ios:: trunk

Q.72: In C++ , the precise way to declared a pointer is.

Ans: int*ptr;

Q.73: -----statement is necessary in switch structure.

Ans: Break

Q.74: Normally, the float data type is half of the size of -----

Ans: Double

Q.75: which of the following option is used when working with completed expression in c++?

Ans: ()

Q.76: A binary operator has ----- operands.

Ans: Two

Q.77:which of the following is the default function calling mechanism of C/C++?

Ans: Call by value

Q.78: which function is automatically called when an object of a class is initialed?

Ans: constructor

Q.79: in C++, the default constructor takes-----

Ans: No arguments

Q.80: In C++, which of the following option is used to declare a class?

Ans: class

Q.81:in C++ which of the following function causes the full definition of the function to be inserted in each place when it gots called?

Ans: Inline function

Q.82:Bool data type takes -----values.

Ans: 2

Q.83: In the syntax of the overloaded operator function given below

Complex operator + (Complex &);

What is operator?

Ans: keyword

Q.84:which operator can be overloaded?

Ans: not confirm

Q.85:Complex codd (complex c1, complex c2);

Which statement is true for above code?

Ans: Creating object of class complex with name codd with parameters.

Q.86: Which of the following operator can be overloaded?

Ans: ?

Q.87: Which of the following is assignment operator?

Ans: =

Q.88: which option will be correct in order to free the space of memory allocated to a buffer (but)?

Ans: Delete but

Q.89: When overloading assignment (=) operator, which of the following syntax is correct?

Ans: void operator=(const String &s);

Q.90: Complex codd (Complex c1, Complex c2);

Which of statement is true for above code?

Ans: It accepts two complex numbers as parameters and returns back the resultant complex number.

Q.91: What is correct example of binary operator?

Ans: -

Q.92: Which of the following options not a source of the output stream?

Ans: region in the memory

Q.93: How many option are initialized for the class?

Date my Dates[10];

Ans: 10

Q.94:which statement about pointer is not true?

Ans: pointer can be void

Q.95:Representing logical depiction of the solution to the problem is known as a -----

Ans: Structure

Q.96: Which statement about manipulators is not true?

Ans: it automatically gets that object as parameter passed in to the function

Q.97:which of the following structure is correct for WHILE loop?

Ans: While (condition)

Q.98:which of the following is true about the switch statement?

Ans: It cannot handle the compound conditions which use logical operators

Q.99: If the condition is not made false in while loop, what will happen?

Ans: Loop will become infinite

Q.100: If a function does not return anything, its return type will be -----

Ans: void

Q.101: which of the following is the first step in FOR loop?

Ans: Initialization condition

Q.102: When we call a function and pass an argument, an object or variable to the function, it is called ?

Ans: call by value

Q.103: Stream insertion(<<) and extraction operators (>>) are always implemented as ----- function.

Ans: Non-member

Q104: which of the following statement is not true about over loading stream extraction operator(>>)?

Ans: it can be a member operator.

Q.105: endl is a type of -----manipulator.

Ans: Parameterized less