



CS201-Intorduction to  
Programming (**PRACTCAL**)  
(Solved Macq's)  
**LECTURE FROM**  
**(1 to 45)**



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**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 streamextraction?**

**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-----**

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**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 memberoperator function will be correct?**

**Ans: complex operator-(complex c)**

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

**Ans: New**

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**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**

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**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 format 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: For 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?**

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**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**

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**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**

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**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**

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**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**



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**Q.69:** Which of the following option 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 declare 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

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

**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 gets 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);**

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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**

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**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 theproblem 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 WHILEloop?**

**Ans: While (condition)**

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

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**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 -----**

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**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 objector 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 overloading stream extraction operator(>>)?**

**Ans: it can be a member operator.**

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

**Ans: Parameterized less**

