Powered By:

Demo

Candidate Name: Manish Arora

Candidate Email: manish_mastishka@hotmail.com

Assessment Date: September 12, 2016

Time Taken: 00:00:01

Section - CPP_Basics

Q.1). Which of the following is not logical operator?

1. &

2. &&

3. ||

4. !

You did not attempt this question.
Correct Answer : 1

Q.2). Which of the following cannot be checked in a switch-case statement?

1. Character

2. Integer

3. Float

4. enum

You did not attempt this question.
Correct Answer : 3

Q.3). How many times the while loop will get executed if a short int is 2 byte wide? <div class='mipcat_code_ques'> #include<stdio.h> int main() { int j=1; while(j <= 255) { printf("%c %d\n", j, j); j++; } return 0; }

1. Infinite times

2. 255 times

3. 256 times

4. 254 times

You did not attempt this question.
Correct Answer : 2

Q.4). If a function is to use arguments, it must declare variable that will accept the values of the arguments. These variables are called as_____

1. Local parameters

2. Formal parameters

3. Function parameters

4. Global parameters

You did not attempt this question.
Correct Answer : 2

Q.5). What is the data structures used to perform recursion?

Powered By:

Demo

Candidate Name: Manish Arora

Candidate Email: manish_mastishka@hotmail.com

Assessment Date: September 12, 2016

Time Taken: 00:00:01

1. Queue
2. Stack
3. Linked List
4. None of the above

You did not attempt this question.
Correct Answer : 2

Q.6). Which statement is false from the following?

1. Variables that are defined within a function are local variables.
2. A local variable cannot hold its value between function calls.
3. The formal parameter to a function also fall within the function?s scope
4. None of the above

You did not attempt this question.
Correct Answer : 4

Q.7). Which is from the following hold the return address of function calls, arguments to functions and local variables?

1. Heap
2. Stack
3. Local Memory
4. All of the above

You did not attempt this question.
Correct Answer : 2

Q.8). Which statement is false from the following?

1. A function call cannot be on the left side of an assignment.
2. Function can return pointer.
3. To return pointer, a function must be declared as having a pointer a pointer return type.
4. None of the above

You did not attempt this question.
Correct Answer : 4

Q.9). What will be the output of the following program? <div class='mipcat_code_ques'> main() { int value=10; float result; result = evalv(value); printf(" %f",c); } evalv(ch) int ch; {

Powered By:

Demo

Candidate Name: Manish Arora

Candidate Email: manish_mastishka@hotmail.com

Assessment Date: September 12, 2016

Time Taken: 00:00:01

ch>=10?return(1.12):return(2.25); }

1. Compiler Error

2. 1.12

3. 1

4. None of the above

You did not attempt this question.
Correct Answer : 1

Q.10). Which statement is true regarding main()?

1. main() does not return any thing.

2. main() returns an integer to the calling process.

3. returning a value from main() is the not equivalent of calling exit().

4. None of the above

You did not attempt this question.
Correct Answer : 2

Q.11). What will be the output of the following program? <div class='mipcat_code_ques'> main() { printf("%p",main); }

1. Main

2. garbage value

3. some address

4. Compiler Error

You did not attempt this question.
Correct Answer : 3

Q.12). What will be the output of the following program? <div class='mipcat_code_ques'> void main() { int k=ret(sizeof(float)); printf("\n Here value is %d",++k); } int ret(int ret) { ret += 2.5; return(ret); }

1. Here value is 7

2. Here value is 4.5

3. Here value is 5.5

4. None of the above

You did not attempt this question.
Correct Answer : 1

Q.13). What will be the output of the following program? <div class='mipcat_code_ques'> main() { int i=1,j; j=add(++i+i++*i); printf("i=%d j=%d\n",i,j); } add(ii) int ii; { ii++; printf("ii=%d\n",ii); }

1. ii= 6 i=3 j=5

Powered By:

Demo

Candidate Name: Manish Arora

Candidate Email: manish_mastishka@hotmail.com

Assessment Date: September 12, 2016

Time Taken: 00:00:01

2. ii= 5 i=3 j=5

3. Compiler Error

4. None of the above

You did not attempt this question.
Correct Answer : 1

Q.14). What will be the output of the following program? <div class='mipcat_code_ques'> main() { callme(); } void callme() { printf("I?m the greatest"); }

1. Compiler error: Type mismatch in redeclaration of callme.

2. Compiler error

3. I?m the greatest

4. None of the above

You did not attempt this question.
Correct Answer : 1

Q.15). What will be the output of the following program? <div class='mipcat_code_ques'> main() { void call(); int a; printf("a before call=%d \n",a); a = call(); printf("a after call =%d",a); } void call() { printf("hii this is your C test"); }

1. 18

2. 22

3. Runtime Error

4. Compiler Error

You did not attempt this question.
Correct Answer : 3

Q.16). Which statement from the following is false regarding function?

1. A function may return any type of data except an array.

2. The parameter receives the values of the arguments when the function is called.

3. An empty parameter list can be explicitly specified as such by placing the keyword void inside the parentheses.

4. None of the above

You did not attempt this question.
Correct Answer : 3

Q.17). What will be the output of the following program? <div class='mipcat_code_ques'> main() { int i=0,k,l; k=result(i+i); l=result(i++ + ++i); printf("i=%d k=%d l=%d",i,k,l); } result(value) int value; {

Powered By:

Demo

Candidate Name: Manish Arora

Candidate Email: manish_mastishka@hotmail.com

Assessment Date: September 12, 2016

Time Taken: 00:00:01

++value; return(value); }

1. 213
2. 202
3. 203
4. Compiler Error

You did not attempt this question.
Correct Answer : 1

Q.18). What will be the output of the following program? <div class='mipcat_code_ques'> void main() { static int i=5; if(?i){ main(); printf("%d ",i); } }

1. CompileTime error
2. RunTime error
3. Print vales till stack overflows
4. None of the above

You did not attempt this question.
Correct Answer : 2

Q.19). What are the following notations of defining functions known as? <div class='mipcat_code_ques'> i. int abc(int a,float b) { /* some code */ } ii. int abc(a,b) int a; float b; { /* some code*/ }

1. i. ANSI C notation ii. Kernighan & Ritche notation
2. i. Kernighan & Ritche notation ii. ANSI C notation
3. Both 1&2
4. None Of The Above

You did not attempt this question.
Correct Answer : 1

Q.20). What will be the output of the following program? <div class='mipcat_code_ques'> void myFunc(int x) { if(x>0) myFunc(--x); prinrf("%d, ", x); } void main() { myFunc(5); }

1. 1,2,3,4,5.5
2. 4,3,2,1,0,0
3. 0,0,1,2,3,4
4. 1,2,3,4,4,0

You did not attempt this question.
Correct Answer : 3

Q.21). Which of the following statement is true about queue? 1.Queue can be implemented either as an array or as a linked list. 2.The middle elements of a queue should not be accessed directly.

Powered By:

Demo

Candidate Name: Manish Arora
Candidate Email: manish_mastishka@hotmail.com
Assessment Date: September 12, 2016
Time Taken: 00:00:01

1. Only 1
2. Only 2
3. Both 1 and 2
4. None of the above

You did not attempt this question.
Correct Answer : 3

Q.22). A character variable can never store more than_____

1. 32 characters
2. 8 characters
3. 254 characters
4. 1 characters

You did not attempt this question.
Correct Answer : 1

Q.23). Determine which of the following is an invalid character constant.

1. ?\a?
2. ?T?
3. ?\0?
4. ?/n?

You did not attempt this question.
Correct Answer : 4

Q.24). Which of the following Operators below have the highest priority when evaulating?

1. ()
2. []
3. *
4. ->

You did not attempt this question.
Correct Answer : 1

Q.25). 34.67f is a _____constant.

1. string literal
2. integer literal
3. float literal
4. double literal

You did not attempt this question.
Correct Answer : 3

Powered By:

Demo

Candidate Name: Manish Arora

Candidate Email: manish_mastishka@hotmail.com

Assessment Date: September 12, 2016

Time Taken: 00:00:01

Q.26). What would be the output of the following program? <div class='mipcat_code_ques'> main() { int i=400,j=300; printf("%d..%d"); }

1. Compiler Error
2. RunTime Error
3. 400..300
4. 400

You did not attempt this question.
Correct Answer : 3

Q.27). The _____ Operator is a technique to forcefully convert one data type to the others

1. Cast
2. Conversion
3. Type
4. Uniary

You did not attempt this question.
Correct Answer : 1

Q.28). Choose the correct one

1. Address Operator can not be applied to register variables
2. Address Operator can be applied to register variables
3. Use of register declaration will increase the execution time
4. None of the above

You did not attempt this question.
Correct Answer : 1

Q.29). If an integer occupies 4 bytes and a character occupies 1 bytes of memory, each element of the following structure would occupy how many bytes? <div class='mipcat_code_ques'> struct name { int age; char name [20]; }

1. 5
2. 24
3. 21
4. 22

You did not attempt this question.
Correct Answer : 2

Q.30). In which order do the following gets evaluated 1. Relational 2. Arithmetic 3. Logical 4. Assignment

Powered By:

Demo

Candidate Name: Manish Arora

Candidate Email: manish_mastishka@hotmail.com

Assessment Date: September 12, 2016

Time Taken: 00:00:01

1. 2134

2. 1234

3. 4321

4. 3214

You did not attempt this question.

Correct Answer : 1

Section - OOP Concepts

Q.31). To be called object-oriented, a programming language must allow

1. functions that return only a single value

2. #include files

3. inheritance

4. All of the above

You did not attempt this question.

Correct Answer : 3

Q.32). Which is true?

1. Sequential cohesion is slightly weaker than functional cohesion

2. Sequential cohesion is slightly stronger than functional cohesion

3. Sequential cohesion is much stronger than functional cohesion

4. Neither sequential cohesion nor functional cohesion is stronger than the other

You did not attempt this question.

Correct Answer : 1

Q.33). In a class specifier, data or functions designated private are accessible

1. to any function in the program

2. only if you know the password

3. to member functions of that class

4. only to public members of the class

You did not attempt this question.

Correct Answer : 4

Q.34). The step-by-step instructions that solve a problem are called _____

Powered By:

Demo

Candidate Name: Manish Arora

Candidate Email: manish_mastishka@hotmail.com

Assessment Date: September 12, 2016

Time Taken: 00:00:01

1. an algorithm
2. a list
3. a plan
4. a sequential structure

You did not attempt this question.
Correct Answer : 1

Q.35). Classes hold _____

1. data
2. methods
3. both data and methods
4. neither data nor methods

You did not attempt this question.
Correct Answer : 3

Q.36). A static data member is given a value

1. within the class definition
2. outside the class definition
3. when the program is executed
4. never

You did not attempt this question.
Correct Answer : 2

Q.37). Errors in a program are called

1. accidents
2. annoyances
3. bugs
4. mistakes

You did not attempt this question.
Correct Answer : 3

Q.38). Two access specifiers in C++ are

1. public and private
2. int and double
3. formal and informal
4. void and free

You did not attempt this question.
Correct Answer : 1

Powered By:

Demo

Candidate Name: Manish Arora

Candidate Email: manish_mastishka@hotmail.com

Assessment Date: September 12, 2016

Time Taken: 00:00:01

Q.39). The members of a class, by default, are

1. public
2. protected
3. private
4. mandatory to specify

You did not attempt this question.
Correct Answer : 1

Q.40). In C++, class definitions are most often

1. stored with each program that uses them
2. stored in a header file that is included in the programs that use them
3. stored in a folder that you paste into every new project
4. retyped for every new project

You did not attempt this question.
Correct Answer : 2

Q.41). Many programmers separate a class into two files: _____

1. one for the declarations and one for the implementations
2. one for the void functions and one for the other functions
3. one for the public data and one for the private data
4. one for the primary functions and one for the auxiliary functions

You did not attempt this question.
Correct Answer : 1

Q.42). A C++ _____ is a program that runs in a DOS window

1. algorithm
2. cast application
3. console application
4. source application

You did not attempt this question.
Correct Answer : 3

Q.43). You construct a class in two sections, known as the _____

Powered By:

Demo

Candidate Name: Manish Arora

Candidate Email: manish_mastishka@hotmail.com

Assessment Date: September 12, 2016

Time Taken: 00:00:01

1. header and body
2. type and parameters
3. declaration and implementation
4. pointer and variable

You did not attempt this question.
Correct Answer : 3

Q.44). Assume a program contains a void function named displayName, which requires no formal parameters. Which of the following is a correct function prototype for this function?

1. displayName;
2. displayName(void);
3. void displayName;
4. void displayName();

You did not attempt this question.
Correct Answer : 4

Q.45). How many constructors can a class have?

1. 0
2. 1
3. 2
4. any number

You did not attempt this question.
Correct Answer : 4

Q.46). A widget is to the blueprint for a widget as an object is to

1. a member function
2. a class
3. an operator
4. a data item

You did not attempt this question.
Correct Answer : 2

Q.47). If you design a class that needs special initialization tasks, you will want to design a(n) _____

1. housekeeping routine
2. initializer
3. constructor
4. compiler

You did not attempt this question.
Correct Answer : 3

Powered By:

Demo

Candidate Name: Manish Arora
Candidate Email: manish_mastishka@hotmail.com
Assessment Date: September 12, 2016
Time Taken: 00:00:01

Q.48). A class StockItems has four data members and three function members. You define 50 objects as members of the class. Which is true?

1. Only one copy of each of the tnree functions exists

2. Only one copy of each of the four data members exists

3. Both (1) and (2) are true

4. Neither (1) nor (2) is true

You did not attempt this question.
Correct Answer : 1

Q.49). Given a class named Book, which of the following is not a valid constructor?

1. Book ( ) { }

2. Book (Book b) { }

3. Book (Book &b) { }

4. Book (char* author, char* title) { }

You did not attempt this question.
Correct Answer : 2

Q.50). In which case is it mandatory to provide a destructor in a class?

1. Almost in every class

2. Class for which two or more than two objects will be created

3. Class for which copy constructor is defined

4. Class whose objects will be created dynamically

You did not attempt this question.
Correct Answer : 4