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#1 Online Certification Guide

C++ INSTITUTE CPE-20-01

C++ Institute CPE Certified Entry-Level Programmer Certification Questions & Answers

Exam Summary – Syllabus –Questions

CPE-20-01

CPE - C++ Certified Entry-Level Programmer

30 Questions Exam – 70% Cut Score – Duration of 45 minutes

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Know Your CPE-20-01 Certification Well:

The CPE-20-01 is best suitable for candidates who want to gain knowledge in the C++ Institute C++ Programming. Before you start your CPE-20-01 preparation you may struggle to get all the crucial CPE Certified Entry-Level Programmer materials like CPE-20-01 syllabus, sample questions, study guide.

But don't worry the CPE-20-01 PDF is here to help you prepare in a stress free manner.
The PDF is a combination of all your queries like-

- What is in the CPE-20-01 syllabus?
- How many questions are there in the CPE-20-01 exam?
- Which Practice test would help me to pass the CPE-20-01 exam at the first attempt?

Passing the CPE-20-01 exam makes you CPE - C++ Certified Entry-Level Programmer. Having the CPE Certified Entry-Level Programmer certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

C++ Institute CPE-20-01 CPE Certified Entry-Level Programmer Certification Details:

Exam Name	CPE - C++ Certified Entry-Level Programmer
Exam Code	CPE-20-01
Exam Price	$69 (USD)
Duration	45 mins
Number of Questions	30
Passing Score	70%
Books / Training	**C++ Essentials 1 (Basics) (Edube, self-enroll/self-study)**
Schedule Exam	**OpenEDG Testing Service - TestNow**
Sample Questions	**C++ Institute CPE Certified Entry-Level Programmer Sample Questions**
Practice Exam	**C++ Institute CPE-20-01 Certification Practice Exam**

CPE-20-01 Syllabus:

Topic	Details	Weights
Syntax, literals, and operators	- C++ syntax fundamentals: literals, symbols, code blocks, and keywords - C++ built-in types and their literals - main() function declaration conventions and parameters - operators: unary and binary, priorities and binding - numeric operators: * / % + – - post- and pre- increment and decrement operators: ++, — - short-circuit evaluations - bitwise operators: ~ & ^ | << >> - logical (Boolean) operators: ! && || - relational operators: == != > >= < <= - assignment and shortcut operators: = op= - basics of I/O streams operation	28%
Flow control and functions	- conditional execution keywords: if, else - loop keywords: while, do, for - controlling loop execution keywords: break, continue - goto keyword and labeled statements - multiple-selection keywords: switch, case, default keywords - exiting the function: return keyword - defining, declaring and invoking functions - typed and void functions, return statement - passing arguments to parameters: by value, by reference, by pointer - recursion	28%
Vectors and pointers	- declaring, initializing and using vectors, declaring multidimensional arrays - the data() method - declaring pointers to C++ entities, the nullptr pointer - dereferencing pointers: * operator - obtaining pointers to existing data: & operator - converting pointers using static_cast and dynamic_cast operators - assigning and releasing memory: new, delete and delete[] operators	24%
Structures and strings	- declaring and using structures - accessing structure’s fields using . operator - vectors of structures: declaring and accessing - the std::string type and string literals - declaring, initializing, and using strings - basic string operations, comparing strings	20%

C++ Institute CPE-20-01 Sample Questions:

Question: 1

Functions can pass arguments by _____ to avoid modifying the original variable.

a) pointer
b) reference
c) value
d) constant

Answer: c

Question: 2

Which of the following functions returns the length of a std::string?

a) size()
b) length()
c) strlen()
d) Both size() and length()

Answer: d

Question: 3

What can cause short-circuit evaluation in C++?

a) Logical AND (&&)
b) Logical OR (||)
c) Equality operator (==)
d) Not operator (!)
e) Bitwise AND (&)

Answer: a, b

Question: 4

Pointers initialized to _____ cannot be dereferenced.

a) nullptr
b) 0
c) NULL
d) All of the above

Answer: d

Question: 5

What are characteristics of dynamically allocated memory?

a) Managed using new and delete
b) Resides on the stack
c) Requires manual deallocation
d) Can be resized with realloc()
e) Lifetime is independent of scope

Answer: a, c, e

Question: 6

How do you declare a function in C++ that does not return any value?

a) void functionName()
b) int functionName()
c) return functionName()
d) null functionName()

Answer: a

Question: 7

Which functions are available to manipulate strings in C++?

a) strcpy()
b) std::string::replace()
c) std::string::find()
d) std::string::erase()
e) strcmp()

Answer: b, c, d

Question: 8

The _____ operator is used to release dynamically allocated arrays.

a) delete
b) delete[]
c) free
d) clear

Answer: **b**

Question: 9

Which keywords are used to handle multiple conditions in C++?

a) if
b) else
c) switch
d) case
e) continue

Answer: a, b, c, d

Question: 10

How do you declare an array of structures?

a) struct Array[10];
b) struct MyStruct array[10];
c) MyStruct array[10];
d) Both struct MyStruct array[10]; and MyStruct array[10];

Answer: d

Study Guide to Crack C++ Institute CPE Certified Entry-Level Programmer CPE-20-01 Exam:

- Getting details of the CPE-20-01 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the CPE-20-01 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the C++ Institute provided training for CPE-20-01 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the CPE-20-01 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on CPE-20-01 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for CPE-20-01 Certification

Make EduSum.com your best friend during your CPE - C++ Certified Entry-Level Programmer exam preparation. We provide authentic practice tests for the CPE-20-01 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual CPE-20-01 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the CPE-20-01 exam.

Start Online practice of CPE-20-01 Exam by visiting URL
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