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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. In C++, reserved words are the same as predefined identifiers.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | False |
| *POINTS:* | 1 |
| *REFERENCES:* | 36 |
| *QUESTION TYPE:* | True / False |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2. The maximum number of significant digits in values of the double type is 15.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | True |
| *POINTS:* | 1 |
| *REFERENCES:* | 41 |
| *QUESTION TYPE:* | True / False |
| *HAS VARIABLES:* | False |
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| 3. The maximum number of significant digits in float values is up to 6 or 7.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | True |
| *POINTS:* | 1 |
| *REFERENCES:* | 42 |
| *QUESTION TYPE:* | True / False |
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| 4. An operator that has only one operand is called a unique operator.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | False |
| *POINTS:* | 1 |
| *REFERENCES:* | 45 |
| *QUESTION TYPE:* | True / False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5. If a C++ arithmetic expression has no parentheses, operators are evaluated from left to right.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | True |
| *POINTS:* | 1 |
| *REFERENCES:* | 46 |
| *QUESTION TYPE:* | True / False |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6. A mixed arithmetic expression contains all operands of the same type.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | False |
| *POINTS:* | 1 |
| *REFERENCES:* | 48 |
| *QUESTION TYPE:* | True / False |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7. Suppose a = 5. After the execution of the statement ++a; the value of a is 6.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | True |
| *POINTS:* | 1 |
| *REFERENCES:* | 70 |
| *QUESTION TYPE:* | True / False |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8. The escape sequence \r moves the insertion point to the beginning of the next line.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | False |
| *POINTS:* | 1 |
| *REFERENCES:* | 7 |
| *QUESTION TYPE:* | True / False |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9. A comma is also called a statement terminator.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | False |
| *POINTS:* | 1 |
| *REFERENCES:* | 88 |
| *QUESTION TYPE:* | True / False |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10. Suppose we declare a variable sum as an int. The statement "sum += 7;" is equivalent to the statement "sum = sum + 7;".

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | True |
| *POINTS:* | 1 |
| *REFERENCES:* | 93 |
| *QUESTION TYPE:* | True / False |
| *HAS VARIABLES:* | False |
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| 11. The \_\_\_\_ rules of a programming language tell you which statements are legal, or accepted, by the programming language.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | semantic | b.  | logical |
|   | c.  | syntax | d.  | grammatical |

|  |  |
| --- | --- |
| *ANSWER:* | c |
| *POINTS:* | 1 |
| *REFERENCES:* | 34 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| *DATE MODIFIED:* | 10/16/2016 9:03 AM |

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| 12. Which of the following is a reserved word in C++?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | char | b.  | Char |
|   | c.  | CHAR | d.  | character |

|  |  |
| --- | --- |
| *ANSWER:* | a |
| *POINTS:* | 1 |
| *REFERENCES:* | 35 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13. Which of the following is a legal identifier?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | program! | b.  | program\_1 |
|   | c.  | 1program | d.  | program 1 |

|  |  |
| --- | --- |
| *ANSWER:* | b |
| *POINTS:* | 1 |
| *REFERENCES:* | 36 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| 14. \_\_\_\_ is a valid int value.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | 46,259 | b.  | 46259 |
|   | c.  | 462.59 | d.  | -32.00 |

|  |  |
| --- | --- |
| *ANSWER:* | b |
| *POINTS:* | 1 |
| *REFERENCES:* | 39 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| 15. \_\_\_\_ is a valid char value.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | "-129" | b.  | ‘A’ |
|   | c.  | "A" | d.  | 129 |

|  |  |
| --- | --- |
| *ANSWER:* | b |
| *POINTS:* | 1 |
| *REFERENCES:* | 40 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16. An example of a floating point data type is \_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | int | b.  | char |
|   | c.  | double | d.  | short |

|  |  |
| --- | --- |
| *ANSWER:* | c |
| *POINTS:* | 1 |
| *REFERENCES:* | 41 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17. The memory allocated for a float value is \_\_\_\_ bytes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | two | b.  | four |
|   | c.  | eight | d.  | sixteen |

|  |  |
| --- | --- |
| *ANSWER:* | b |
| *POINTS:* | 1 |
| *REFERENCES:* | 41 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18. The value of the expression 17 % 7 is \_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | 1 | b.  | 2 |
|   | c.  | 3 | d.  | 4 |

|  |  |
| --- | --- |
| *ANSWER:* | c |
| *POINTS:* | 1 |
| *REFERENCES:* | 43 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19. The value of the expression 33/10, assuming both values are integral data types, is \_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | 0.3 | b.  | 3 |
|   | c.  | 3.0 | d.  | 3.3 |

|  |  |
| --- | --- |
| *ANSWER:* | b |
| *POINTS:* | 1 |
| *REFERENCES:* | 43-44 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20. The expression static\_cast<int>(9.9) evaluates to \_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | 9 | b.  | 10 |
|   | c.  | 9.9 | d.  | 9.0 |

|  |  |
| --- | --- |
| *ANSWER:* | a |
| *POINTS:* | 1 |
| *REFERENCES:* | 51 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21. The expression static\_cast<int>(6.9) + static\_cast<int>(7.9) evaluates to \_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | 13 | b.  | 14 |
|   | c.  | 14.8 | d.  | 15 |

|  |  |
| --- | --- |
| *ANSWER:* | a |
| *POINTS:* | 1 |
| *REFERENCES:* | 51 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22. The length of the string "computer science" is \_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | 14 | b.  | 15 |
|   | c.  | 16 | d.  | 18 |

|  |  |
| --- | --- |
| *ANSWER:* | c |
| *POINTS:* | 1 |
| *REFERENCES:* | 53 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23. In a C++ program, one and two are double variables and input values are 10.5 and 30.6. After the statement cin >> one >> two; executes, \_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | one = 10.5, two = 10.5 | b.  | one = 10.5, two = 30.6 |
|   | c.  | one = 30.6, two = 30.6 | d.  | one = 11, two = 31 |

|  |  |
| --- | --- |
| *ANSWER:* | b |
| *POINTS:* | 1 |
| *REFERENCES:* | 65 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24. Suppose that count is an int variable and count = 1. After the statement count++; executes, the value of count is \_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | 1 | b.  | 2 |
|   | c.  | 3 | d.  | 4 |

|  |  |
| --- | --- |
| *ANSWER:* | b |
| *POINTS:* | 1 |
| *REFERENCES:* | 69-70 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25. Suppose that alpha and beta are int variables. The statement alpha = --beta; is equivalent to the statement(s) \_\_\_\_.

|  |  |  |
| --- | --- | --- |
|   | a.  | alpha = 1 - beta; |
|   | b.  | alpha = beta - 1; |
|   | c.  | beta = beta - 1;alpha = beta; |
|   | d.  | alpha = beta;beta = beta - 1; |

|  |  |
| --- | --- |
| *ANSWER:* | c |
| *POINTS:* | 1 |
| *REFERENCES:* | 70-71 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26. Suppose that alpha and beta are int variables. The statement alpha = beta--; is equivalent to the statement(s) \_\_\_\_.

|  |  |  |
| --- | --- | --- |
|   | a.  | alpha = 1 - beta; |
|   | b.  | alpha = beta - 1; |
|   | c.  | beta = beta - 1;alpha = beta; |
|   | d.  | alpha = beta;beta = beta - 1; |

|  |  |
| --- | --- |
| *ANSWER:* | d |
| *POINTS:* | 1 |
| *REFERENCES:* | 70-71 |
| *QUESTION TYPE:* | Multiple Choice |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27. Suppose that alpha and beta are int variables. The statement alpha = beta++; is equivalent to the statement(s) \_\_\_\_.

|  |  |  |
| --- | --- | --- |
|   | a.  | alpha = 1 + beta; |
|   | b.  | alpha = alpha + beta; |
|   | c.  | alpha = beta;beta = beta + 1; |
|   | d.  | beta = beta + 1;alpha = beta; |

|  |  |
| --- | --- |
| *ANSWER:* | c |
| *POINTS:* | 1 |
| *REFERENCES:* | 70-71 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| 28. Suppose that alpha and beta are int variables. The statement alpha = ++beta; is equivalent to the statement(s) \_\_\_\_.

|  |  |  |
| --- | --- | --- |
|   | a.  | beta = beta + 1;alpha = beta; |
|   | b.  | alpha = beta;beta = beta + 1; |
|   | c.  | alpha = alpha + beta; |
|   | d.  | alpha = beta + 1; |

|  |  |
| --- | --- |
| *ANSWER:* | a |
| *POINTS:* | 1 |
| *REFERENCES:* | 70-71 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| 29. Choose the output of the following C++ statement:cout << "Sunny " << '\n' << "Day " << endl;

|  |  |  |
| --- | --- | --- |
|   | a.  | Sunny \nDay |
|   | b.  | Sunny \nDay endl |
|   | c.  | SunnyDay |
|   | d.  | Sunny \nDay |

|  |  |
| --- | --- |
| *ANSWER:* | c |
| *POINTS:* | 1 |
| *REFERENCES:* | 72 |
| *QUESTION TYPE:* | Multiple Choice |
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| 30. Which of the following is the newline character?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | \r | b.  | \n |
|   | c.  | \l | d.  | \b |

|  |  |
| --- | --- |
| *ANSWER:* | b |
| *POINTS:* | 1 |
| *REFERENCES:* | 72 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| 31. Consider the following code.// Insertion Point 1using namespace std;const float PI = 3.14;int main(){//Insertion Point 2float r = 2.0;float area;area = PI \* r \* r;cout << "Area = " << area <<endl;return 0;}// Insertion Point 3In this code, where does the include statement belong?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | Insertion Point 1 | b.  | Insertion Point 2 |
|   | c.  | Insertion Point 3 | d.  | Anywhere in the program |

|  |  |
| --- | --- |
| *ANSWER:* | a |
| *POINTS:* | 1 |
| *REFERENCES:* | 82 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| 32. \_\_\_\_ are executable statements that inform the user what to do.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | Variables | b.  | Prompt lines |
|   | c.  | Named constants | d.  | Expressions |

|  |  |
| --- | --- |
| *ANSWER:* | b |
| *POINTS:* | 1 |
| *REFERENCES:* | 89 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| 33. The declaration int a, b, c; is equivalent to which of the following?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | inta , b, c; | b.  | int a,b,c; |
|   | c.  | int abc; | d.  | int a b c; |

|  |  |
| --- | --- |
| *ANSWER:* | b |
| *POINTS:* | 1 |
| *REFERENCES:* | 90 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| 34. Suppose that alpha and beta are int variables and alpha = 5 and beta = 10. After the statement alpha \*= beta; executes, \_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | alpha = 5 | b.  | alpha = 10 |
|   | c.  | alpha = 50 | d.  | alpha = 50.0 |

|  |  |
| --- | --- |
| *ANSWER:* | c |
| *POINTS:* | 1 |
| *REFERENCES:* | 92 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| 35. Suppose that sum and num are int variables and sum = 5 and num = 10. After the statement sum += num executes, \_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | sum = 0 | b.  | sum = 5 |
|   | c.  | sum = 10 | d.  | sum = 15 |

|  |  |
| --- | --- |
| *ANSWER:* | d |
| *POINTS:* | 1 |
| *REFERENCES:* | 93 |
| *QUESTION TYPE:* | Multiple Choice |
| *HAS VARIABLES:* | False |
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| 36. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the process of planning and creating a program.

|  |  |
| --- | --- |
| *ANSWER:* | Programmingprogramming |
| *POINTS:* | 1 |
| *REFERENCES:* | 28 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 37. A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a memory location whose contents can be changed.

|  |  |
| --- | --- |
| *ANSWER:* | variable |
| *POINTS:* | 1 |
| *REFERENCES:* | 33 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 38. A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a collection of statements, and when it is activated, or executed, it accomplishes something.

|  |  |
| --- | --- |
| *ANSWER:* | subprogramsub programsub-programfunctionmodule |
| *POINTS:* | 1 |
| *REFERENCES:* | 33 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 39. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ functions are those that have already been written and are provided as part of the system.

|  |  |
| --- | --- |
| *ANSWER:* | PredefinedpredefinedStandardstandard |
| *POINTS:* | 1 |
| *REFERENCES:* | 33-34 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 40. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rules determine the meaning of instructions.

|  |  |
| --- | --- |
| *ANSWER:* | Semanticsemantic |
| *POINTS:* | 1 |
| *REFERENCES:* | 34 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 41. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can be used to identify the authors of the program, give the date when the program is written or modified, give a brief explanation of the program, and explain the meaning of key statements in a program.

|  |  |
| --- | --- |
| *ANSWER:* | Commentscomments |
| *POINTS:* | 1 |
| *REFERENCES:* | 34 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 42. The smallest individual unit of a program written in any language is called a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |
| --- | --- |
| *ANSWER:* | token |
| *POINTS:* | 1 |
| *REFERENCES:* | 35 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 43. In a C++ program, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are used to separate special symbols, reserved words, and identifiers.

|  |  |
| --- | --- |
| *ANSWER:* | whitespaceswhitespacewhite spaceswhite space |
| *POINTS:* | 1 |
| *REFERENCES:* | 37 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 44. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ type is C++ ’s method for allowing programmers to create their own simple data types.

|  |  |
| --- | --- |
| *ANSWER:* | enumeration |
| *POINTS:* | 1 |
| *REFERENCES:* | 38 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 45. The memory space for a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ data value is 64 bytes.

|  |  |
| --- | --- |
| *ANSWER:* | long long |
| *POINTS:* | 1 |
| *REFERENCES:* | 39 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 46. The maximum number of significant digits is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |
| --- | --- |
| *ANSWER:* | precision |
| *POINTS:* | 1 |
| *REFERENCES:* | 42 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 47. When a value of one data type is automatically changed to another data type, a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ type coercion is said to have occurred.

|  |  |
| --- | --- |
| *ANSWER:* | implicit |
| *POINTS:* | 1 |
| *REFERENCES:* | 50 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 48. A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a sequence of zero or more characters.

|  |  |
| --- | --- |
| *ANSWER:* | string |
| *POINTS:* | 1 |
| *REFERENCES:* | 53 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 49. In C++, you can use a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to instruct a program to mark those memory locations in which data is fixed throughout program execution.

|  |  |
| --- | --- |
| *ANSWER:* | named constantconstant |
| *POINTS:* | 1 |
| *REFERENCES:* | 54 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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| 50. A data type is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ if the variable or named constant of that type can store only one value at a time.

|  |  |
| --- | --- |
| *ANSWER:* | simple |
| *POINTS:* | 1 |
| *REFERENCES:* | 57 |
| *QUESTION TYPE:* | Completion |
| *HAS VARIABLES:* | False |
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