11th Computer Science – Important Questions – Study Material

CHAPTER 9

INTRODUCTION TO C++ (2 Marks)

1. Why C++ is called hybrid language?

2. List any two benefits of learning C++?

3. Define character set. Give example.

4. Write a note on reserved words? Give some example.

5. Define tokens and name the tokens available in C++?

6. What do you mean by identifier?

7. Name some rules for naming an identifier.

8. What do you mean by constants?

9. List the types of constants available in C++?

10. Define numeric constants?

11. What are the types of Numeric constants?

12. What do you mean by implicit conversion?

13. What do you mean by integers?

14. What are the types of integer constants?

15. What do you mean by Hexadecimal constant?

16. What do you mean by Real Constants?

17. Write a note on Exponent form of real constants?

18. What do you mean by Boolean Literals?

19. What do you mean by Character Constants?

20. What do you mean by String Literals?

21. What do you mean by Nonprintable characters?

22. Expand the following terms a) ANSI b)ASCII

23. What do you mean by operators?

24. What do you mean by operands?

25. What are the types of operators based on the operands?

26. What do you mean by arithmetic operators?

27. What do you mean by relational operator?

28. Solve N1=10,N2=20;S=N1++ + ++N2;

29. What do you mean by logical Operators?

30. What are the three kinds of Bitwise Operator?

31. What are the types of Logical bitwise operators?

32. Frame the truth table bitwise AND operator.

33. Frame the truth table bitwise OR operator?

34. Frame the truth table bitwise XOR operator?

35. Solve a=65, b=15 using Bitwise AND.

36. Solve a=65, b=15 using Bitwise OR.

37. Solve a=65, b=15 using Bitwise XOR.

38. What are the two types of Bitwise shift operator?

39. What is the use of shift left operator?

40. What is the use of shift right operator?

41. What do you mean by bitwise one's compliment operator?

42. What do you mean by assignment operator?

43. What do you mean by short hand operator?

44. What do you mean by conditional operator?

45. What is the use of Comma operator?

46. What do you mean by compile time operator?

47. What do you mean by association?

48. What do you mean by separators?

49. What are the two types of comments in C++?

50. What is use of operators?

51. What are binary operators? Give examples arithmetic binary operators.

52. What does the modulus operator % do?

53. What will be the result of 8.5 % 2?

54. Assume that R starts with value 35. What will be the value of S from the following

    expression? S=(R--)+(++R)

55. What will be the value of j = p p k + 2k. if k is 20 initially ?

56. What will be the value of p = p * ++j where j is 22 and p = 3 initially?

57. Give that i = 8, j = 10, k = 8, What will be result of the following expressions

    (i) i < k   (ii) i < j   (iii) i > = k   (iv) i = = j   (v) j ! = k

58. What will be the order of evaluation for the following expressions?

    (i) i + 3 >= j p 9   (ii) a +10 < p p 3 + 2 q

59. Write an expression involving a logical operator to test, if marks are 75 and grade is 'A'.

60. What is called get from Operator?

61. Define cascading of Operator?

62. Define –ut to operator?

63. Define Cascading of I/O operator?

64. What is the use of using namespace std?

65. What is the use of int main() in C++?

66. What are the four important steps in execution of C++ program?

67. What do you mean by compilation?

68. What do you mean by execution?

69. Name any four C++ compilers with IDE?

70. What are the three types of error in C++?

71. What do you mean by Syntax error?

72. What do you mean by Logic error?

73. What do you mean by runtime error?

74. What is datatype?

75. what do you mean by data and fields?

76. What are the three main categories in C++ datatypes?

77. What are variables?

78. Write the syntax for declaring a variable?

79. What are the five fundamental datatypes in C++?

80. What are the two advantages of using float datatype?

81. What is the use of double datatype?

82. What is the use of void datatype?

83. Define Qualifiers?

84. What are the four modifiers in C++?

85. How will you declare variables?

86. Define about the Access modifier const?

87. What do you mean by Formatting output?

88. What is the use of endl statement?

89. What are the four manipulators in C++?

90. What is the use of setw() ?

91. What is the use of setfill()?

92. What is the use of set –recision()?

93. Give two examples using endl statements?

94. Write the syntax of setw()?

95. Write the syntax of set precision()?

96. Write the syntax of setfill()?

97. What do you mean by expression?

98. What are the type of expression?

99. What do you mean by type conversion?

100. What are the two types of conversion?

101. What do you mean by automatic Conversion?

102. What do you mean by Type promotion?

103. What do you mean by Explicit type conversion?

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