Winter_25_Quiz_2 - Results



Attempt 1 of 1

Written Jan 21, 2025 7:41 PM - Jan 21, 2025 7:55 PM

You successfully submitted your quiz.

Attempt Score 22 / 22 - 100 %

Overall Grade (Highest Attempt) 22 / 22 - 100 %

Question 1

Convert the decimal number 10.125 to binary.

- 1010.100
- 1010.01
- **1010.001**
 - **1010.10**

Question 2

The 2's complement of 1001100 is

- **0110100**

 - O110011
 - 1110100

Question 3

Convert the binary 111010 number to hexadecimal

○ CA

E8

√() 3A

310

Question 4

Convert the hexadecimal number 8F to decimal.

√ 143

89

125

Question 5

convert the decimal number 10 to binary

√() 1010

Question 6

Convert the decimal number 100 to hexadecimal.

100

/ 64

144

Question 7

The two's complement of x is 110110110 what is the x value?

- 100110110
- 110110100
- **001001010**
 - **110110110**

Question 8

Convert the binary number 111.0101 to decimal.

- 7.325
- 5.325
- 7.25
- 7.625
- 7.3125

Question 9

Consider the following addition in 5-bit binary numbers and obtain Cin, Cout, and Res.

- Oin = 0, Cout = 1, Res = 0
- Cin = 0, Cout = 1, Res = 1

- Cin = 1, Cout = 0, Res = 1
- Oin = 1, Cout = 0, Res = 0
- Cin = 1, Cout = 1, Res = 0
- ✓ Cin = 1, Cout = 1, Res = 1

Question 10

Convert the decimal number 20 to binary.

- **10100**

 - 00101
 - 01100

Question 11

The numbers are in binary. 0110011+0100001 = ?

- **1010100**
 - **1010110**
 - 0010100
 - 1000100

Done