Assignment 2

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

1. How do you represent decimal number “10” in BCD code? 1 point
   - 0101 0010
   - 0111 1000
   - 0111 0100
   - 0110 1000
   - 0010 1000
   - None of the above
   No. the given answer is incorrect.
   Accepted Answers: 0101 0010

2. How do you represent decimal number “15” in excess 3 BCD code? 1 point
   - 0101 0010
   - 0101 0101
   - 0101 1000
   - 0110 1000
   - 0111 0000
   - None of the above
   No. the given answer is incorrect.
   Accepted Answers: 0110 1000

3. Write the decimal value of 1.8 into a single-precision floating point number, what is the value of mantissa? 1 point
   - 0101 0010
   - 0110 0101
   - 0111 0100
   - 0111 1000
   - 0111 1100
   - None of the above
   No. the given answer is incorrect.
   Accepted Answers: 0111 1000

4. Write the decimal number 13.8 into a single-precision floating point number, what is the value of mantissa? 1 point
   - 0101 0010
   - 0110 0101
   - 0111 0100
   - 0111 1000
   - 0111 1100
   - None of the above
   No. the given answer is incorrect.
   Accepted Answers: 0111 1000

5. Write the following exponent in single precision floating point number: 1.4E+3 1 point
   - 0101 0010
   - 0110 0101
   - 0111 0100
   - 0111 1000
   - 0111 1100
   - None of the above
   No. the given answer is incorrect.
   Accepted Answers: 0111 1000

6. Write the following code is not an example of weighted decimal code? 1 point
   - 0101 0010
   - 0110 0101
   - 0111 0100
   - 0111 1000
   - 0111 1100
   - None of the above
   No. the given answer is incorrect.
   Accepted Answers: 0111 1100

7. Convert the following decimal number in single precision floating point number: 0.64E+5 1 point
   - 0101 0010
   - 0110 0101
   - 0111 0100
   - 0111 1000
   - 0111 1100
   - None of the above
   No. the given answer is incorrect.
   Accepted Answers: 0111 1000

8. Write the following code is not an example of weighted decimal code? 1 point
   - 0101 0010
   - 0110 0101
   - 0111 0100
   - 0111 1000
   - 0111 1100
   - None of the above
   No. the given answer is incorrect.
   Accepted Answers: 0111 1100

9. Convert the following single precision floating point to decimal number: 0.64E+5 1 point
   - 0101 0010
   - 0110 0101
   - 0111 0100
   - 0111 1000
   - 0111 1100
   - None of the above
   No. the given answer is incorrect.
   Accepted Answers: 0111 1000

10. Write the following single precision floating point numbers are decimal numbers 1 point
    - 0101 0010
    - 0110 0101
    - 0111 0100
    - 0111 1000
    - 0111 1100
    - None of the above
    No. the given answer is incorrect.
    Accepted Answers: 0111 1000

11. Write the following two floating point numbers: 0.64E+5 and 0.64E+10 1 point
    - 0101 0010
    - 0110 0101
    - 0111 0100
    - 0111 1000
    - 0111 1100
    - None of the above
    No. the given answer is incorrect.
    Accepted Answers: 0111 1000

12. Determine the number of bits required to represent a floating point number in the range of 1.5E-10 1 point
    - 8 bits
    - 16 bits
    - 32 bits
    - 64 bits
    - None of the above
    No. the given answer is incorrect.
    Accepted Answers: 32 bits