

Coimbatore Institute of Technology
Department of AI and DS
C Programming Theory- Practise Test 1

Date: 05.04.2022

Time: 45 minutes

Answer the following questions

1. What do you mean by structured programming? State the properties of structured programming?
2. Explain any TWO(2) advantage and limitation of using flowchart?
3. List the different data types in C program?
4. Explain the classification of operators in c language?
5. What is type conversion in c program?
6. State the difference between R value and L value expression?
7. What is the difference between %f, %g and %e format specifier when used to display the real value?
8. What are format input and output statements in C. Provide examples
9. How can a variable width be specified in scanf() format string?
10. Explain the purpose of following program control statements/constructs in C?
 - a) If-else
 - b) Switch statement
 - c) Go to statement
 - d) For loop
 - e) While loop and Do-while loop
 - f) Break and continue
