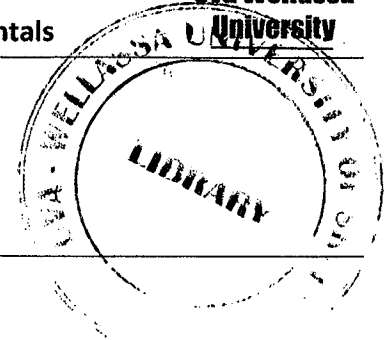


Uva Wellassa University of Sri Lanka
Faculty of Science and Technology
Department of Computer Science and Technology
200 Level 2nd Semester Examination – Jan./Feb. 2016
CST 201-1 Computer Programming Fundamentals



Uva Wellassa
University



Instructions to candidates

Duration: One (01) hour

Number of questions: Two (02)

Mark allocation: 100

Answer all the questions

1.
 - a. Explain the importance of language translators in computer programming with examples. (10 mark)
 - b. Illustrate the flowchart and pseudocode to find maximum among three (03) given numbers. (15 mark)
 - c. Write short note on "Operators in C". (10 mark)
 - d. Explain the difference between **continue** and **break** statements with an example. (10 mark)

2.
 - a. Differentiate **while** and **do while** loop. (10 mark)
 - b.
 - i. State the use of functions in C programming. (5 mark)
 - ii. Explain the concept of **function call** and **return statement**. (10 mark)
 - c. What is meant by **array** and explain how to refer an element in an array (15 mark)
 - d. Write the syntax for "for loop" and describe how it works with the following output
//Program to print sum of numbers up to the value entered by the user
Enter the value: 3
Sum = 6 (15 mark)