

Uva Wellassa University of Sri Lanka
Faculty of Science and Technology
Department of Computer Science and Technology
200 level 2nd Semester Examination – Dec./Jan. 2017
CST201-1 Computer Programming Fundamentals



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 algorithms in computer programming. (10 mark)
 - b. Briefly explain the following terms.
 - i. Assembly Language
 - ii. Compiler
 - iii. Pseudo code (15 mark)
 - c. Write short note on data types used in C language. (10 mark)
 - d. List three (03) rules to be considered while declaring variables in C language. (6 mark)
 - e. Briefly explain the operators used in C language. (10 mark)
2.
 - a. Explain the need of control structures in computer programming. (10 mark)
 - b.
 - i. What is meant by array in computer programming? (5 mark)
 - ii. Explain how to refer an element in an array. (10 mark)
 - c. Write the syntax of **For Loop** in C language. (6 mark)
 - d. Explain how functions are used in computer programming. (6 mark)
 - e. Differentiate **call by value** and **call by reference** in functions of C programming. (12 mark)

