

Test1 1

Subject: CS100-Computer Programming and Problem Solving

Duration:30 minutes

- 1) Implement the following procedure to find the greater of two numbers. (15)
- a. Represent the procedure using flow chart.
 - b. Write a C program .

Procedure: If 2 numbers have unequal number of digits then the number with highest number of digits is considered to be greatest. If the number of digits are equal, the digits are compared from left to right until a mismatch is found, and the number with greatest digit at the point of mismatch is considered to be greatest.

Possible input and expected output are given as follows:

Case 1:

Number 1: 23456

Number 2: 345

O/p: 23456 is greatest.

Case2:

Number 1: 23456

Number 2: 23556

23556 is greatest and the point of mismatch is digit 3.

- 2) Write a program implement a simple calculator using switch. (5)

*****Note: Write comments wherever necessary.**