DG-3189
Third Year B. Sc. (Sem. V) Examination
March / April - 2016
Electronics : Paper - XI
(Programming Language for Microcontroller)

Time : Hours] [Total Marks : 50

Instruction :

Fill up strictly the details of signs on your answer book.

Name of the Examination : Third Year B. Sc. (Sem. V)
Name of the Subject : Electronics - II (Programming Language for Microcontroller)
Subject Code No. : 3 1 8 9 Section No. (1, 2,...) : Nil

Q.1 Write very short answers
   1. Distinguish between signed and unsigned integer values
   2. What is a local variable?
   3. What does && operator stand for?
   4. In the following line of code what is the error
      scanf("%d", n);

Q.2 A What is an operator? Discuss the relational operators of C language [10]
    B Write a program to find the maximum of two numbers entered by the user. [04]

OR

Q.2 A Discuss the printf, and scanf functions of C giving various different examples [10]
    B Write a program to check if the entered number by user is positive, negative or zero [04]

Q.3 A What is the purpose of the for statement? giving suitable examples explain [08]
    the for statement
    B Write a C program to compute the average of 10 floating point numbers [06]
      input by the user in an array

OR

Q.3 A Discuss the switch statement with suitable examples [08]
    B Write a program to find out the sum of the first and the last digit of a given [06]
      number.

Q.4 Write short notes (ANY TWO) [14]
   1. Functions
   2. Array in C language
   3. Do and do-while loops
   4. Unary operators

DG-3189] [ 100 ]