



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 :

<p>नीचे दशांशिक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : Third Year B. Sc. (Sem. V)</p> <p>Name of the Subject : Electronics - 11 (Programming Language for Microcontroller)</p> <p>Subject Code No. : 3 1 8 9 Section No. (1, 2,.....) : Nil</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; width: 100%;">Student's Signature</div>
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- Q.1 Write very short answers [08]
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 [04]
or zero
- 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