



DE-2925

**First Year B. Sc. (Computer Science) (Sem. I)
Examination**

March / April - 2016

**Paper - 102 : Programming in C-1
(Core)**

Time : 2 Hours]

[Total Marks : 50

Instruction :

नीचे दृशायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<input type="text" value="FIRST YEAR B. SC. (COMPUTER SCIENCE) (SEM. I)"/>	<input type="text" value="Student's Signature"/>
Name of the Subject :	
<input type="text" value="PAPER - 102 : PROGRAMMING IN C-1 (CORE)"/>	
Subject Code No. : <input type="text" value="2"/> <input type="text" value="9"/> <input type="text" value="2"/> <input type="text" value="5"/>	Section No. (1, 2,...): <input type="text" value="Nil"/>

1 Answer the question in short. 14

- (1) List mathematical inbuilt function. available in c.
- (2) How two dimensional character arrays are declared and initialized?
- (3) Differentiate while.. loop and do.. while loop.
- (4) Define flowchart and algorithm.
- (5) Define variable and constant. List rules for naming them.
- (6) List various operators available in c.
- (7) How procedure are declared and call them ?

2 Write answers for the followings. 12

- (1) Write detail note on data types available in c.
- (2) Explain structure of c program describe it in detail.

OR

- (1) Write a note on operators available in c.
- (2) What do you mean by procedure oriented programming?
List advantage and disadvantages of it.

3 Write answers for the Followings. **12**

- (1) Explain various types of if statement giving example.
- (2) What is loop when it is required? Explain for loop with its syntax and example.

OR

- (1) What is difference between while.. loop and do.. loop explain both with example.
- (2) Write detail note on break and continue statement.

4 Write answers for the followings. **12**

- (1) What is user defined function. Explain user defined function with example.
- (2) Explain any four inbuilt string related function.

OR

- (1) Explain automatic and Extern storage class.
- (2) Explain procedure in c with suitable example, also explain call by value() and call by ref().
