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 :

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.
Write answers for the followings.

(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.

Write answers for the followings.

(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( ).