DF-3022
Second Year B. Sc. (Computer Science) (Sem. III)
Examination
March / April - 2016
(New Course)

Time : Hours] [Total Marks : 

Instruction :

1. Answer the question in short :
   (1) Give syntax and example for the user defined properties.
   (2) Define method overloading. Give example of it.
   (3) Define variable and constant. How variable and constant define in vb.net.
   (4) Write procedure and function to find factorial.
   (5) Define array. How redim () array is created ? What is significance of preserve keyword ?
   (6) List advantages of array list over array.
   (7) Write an example of with...end with.

2. Write answers for the followings :
   (a) Write detailed note on VB.NET data types.
   (b) Write detailed notes on types of operators available in vb.net.

OR

(a) Define procedure and function. Explain them giving suitable example also explain call by val and call by ref.
(b) Write a detailed note on user defines properties giving suitable example.
3 Write answers for the followings :  
(a) Explain tree view control with properties, events and  
methods.  
(b) Explain rich text box control with its properties, events and  
methods.  

OR  
(a) Explain combo box controls with its properties, events and  
methods.  
(b) Write a detailed note on message box ( ) control.  

4 Write answers for the followings :  
(a) What is use of constructor and destructor, how they are  
apply in vb.net ?  
(b) Define polymorphism in vb.net give suitable example of  
it.  

OR  
(a) Explain ADO.NET code for insert, update and delete opera-  
tion for the student details like rno, name, class, address,  
phoneno.  
(b) Draw diagram for ADO.NET component. Explain dataset and  
data adapter from them.