



RR-3753

Second Year B. C. A. (Sem. IV) Examination

March / April - 2017

404 - .NET Programming

Time : Hours]

[Total Marks : 70

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.		Seat No. :	
Name of the Examination :		<input type="text"/>	
SECOND YEAR B. C. A. (SEM. 4)		<input type="text"/>	
Name of the Subject :		<input type="text"/>	
404 - .NET PROGRAMMING		<input type="text"/>	
Subject Code No. :		Student's Signature	
3 7 5 3		<input type="text"/>	
Section No. (1, 2,.....) :		<input type="text"/>	
NIL		<input type="text"/>	

(2) All questions are compulsory.

(3) Figures to the right indicate full marks.

1 Answer the followings in short : (any ten) **10**

- (1) Explain image property of picturebox control.
- (2) Define property and event.
- (3) List the various containers in VB.Net.
- (4) What is module ?
- (5) Explain 'Redim' Keyword.
- (6) Define MSIL.
- (7) What is design time and run time ?
- (8) Define modal and modeless dialogboxes.
- (9) What is the use of multiline and word wrap property of textbox control ?
- (10) Define Namespace.
- (11) What is boxing in VB.Net ?

2 Answer the following questions : (any two) **15**

- (1) Explain CLR, CTS and FCL in detail.
- (2) List common dialog control and explain any two common dialog controls.
- (3) Explain string related functions of .Net.

OR

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[Contd...

- 2** (1) Explain Menu control in detail.
(2) Explain Interface in VB.Net.
(3) Explain date related functions of .Net.
- 3** Answer the following questions : (any **two**) **15**
(1) What is the difference between collection and array ?
Explain any three properties and methods of array.
(2) Explain the concept of constructor in VB.Net.
(3) What is data set and data provider ? Discuss them in detail.

OR

- 3** (1) Explain option explicit, option strict and with..end with statement with example.
(2) Explain Combobox control.
(3) Write code to perform insert and update operation on Product table having field product no, product name and rate.
- 4** Answer the following question : (any **two**) **15**
(1) What is function ? Explain call by value and call by reference with proper example.
(2) What is Exception ? What are types of exception ? Explain them in detail.
(3) Explain Listbox and Checked Listbox control in detail.

OR

- 4** (1) Explain Access specifiers in VB.Net.
(2) Explain conditional statement in VB.Net.
(3) Explain Timer and ProgressBar Control.
- 5** Answer the following questions : (any **three**) **15**
(1) Explain data grid. Write steps to bind a data grid with database at runtime.
(2) Explain Error provider and Help provider control.
(3) Explain Rich textbox with its properties and methods.
(4) Explain Treeview control.