

Second Year B. C. A. (Sem. IV) Examination
March / April - 2017
404 - .NET Programming

Time : Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दशांशक निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. 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. :	<input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="5"/> <input type="text" value="3"/>	Section No. (1, 2,.....) :	<input type="text" value="NIL"/>
		Student's Signature	

- (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) 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.