



J-0839
Second Year B. Sc. Examination
March/April – 2013
Computer Science : Paper - IV
(VB.NET & ASP.NET)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

<p>नीचे दर्शायेव निशानीवाणी विगतो उतरवडी पर अवश्य कपनी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : <input type="text" value="S. Y. B. SC."/></p> <p>Name of the Subject : <input type="text" value="COMPUTER SCIENCE : PAPER - 4"/></p> <p>Subject Code No. : <input type="text" value="0"/> <input type="text" value="8"/> <input type="text" value="3"/> <input type="text" value="9"/> Section No. (1, 2,.....): <input type="text" value="Nil"/></p>	<p>Seat No. : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; height: 60px; margin-top: 10px; text-align: center; padding: 10px;">Student's Signature</div>
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- (2) Question 1 is **compulsory**.
(3) Figures in the **right** side indicate full marks.

- 1 Answer the following : 14
- (i) Explain Exit and End statements of VB.net.
 - (ii) Explain giving example how will you check the state of a thread.
 - (iii) What is debugging ?
 - (iv) Explain InputBox function in VB.Net giving example.
 - (v) List various types of conversion functions of VB.net.
 - (vi) What is Hyperlink tool in ASP.Net.
 - (vii) What is jagged array ?
- 2 (i) Explain Listview Control to VB.Net with its properties, methods and events. 6
- (ii) Explain use of constructor and destructor in .Net. 4
- (iii) Discuss pass by value and pass by reference parameters giving an example. 4

OR

- 2 (i) Explain SDI and MDI applications in brief. Explain how to make an application MDI in VB.Net ? 6
- (ii) What is called data aware control ? Explain simple and complete data binding. 4
- (iii) How to display all records using ListView control ? 4

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| 3 | (i) Discuss CheckBoxList control of ASP.Net. | 6 |
| | (ii) Explain For..Next loop giving example. | 4 |
| | (iii) What is a dataset ? Explain how to create a dataset with an example. | 4 |

OR

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| 3 | (i) Explain Regular Expression and compare validation controls of ASP.net. | 6 |
| | (ii) Explain how to add, select, display and remove items of a ComboBox control. | 4 |
| | (iii) Explain procedure overloading in VB.Net. | 4 |
| 4 | (i) What do you mean by an exception ? Explain any one method of Exception Handling in detail. | 6 |
| | (ii) Explain giving example how to create, start and stop thread in VB.Net. | 4 |
| | (iii) Explain how to create properties in VB.Net. | 4 |

OR

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| 4 | (i) Write short notes on XML and Stream-Socket connections. | 6 |
| | (ii) Explain sequential file access in VB.Net in detail. | 4 |
| | (iii) Explain Object Serialization in brief. | 4 |
| 5 | Answer the following : (any two) | 14 |
| | (i) Explain Main Menu Control. | |
| | (ii) What is session ? How session works ? | |
| | (iii) Explain datagrid control giving an example. | |
