

(i) Printed Pages : 2

Roll No. ....

(ii) Questions : 9

Sub. Code :

1	7	9	5	3
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Exam. Code :

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**Bachelor of Computer Applications 6<sup>th</sup> Sem.**

**(2056)**

**APPLICATION DEVELOPMENT USING VB.NET**

**Paper : BCA-16-602**

**Time Allowed : Three Hours]**

**[Maximum Marks : 65**

**Note :—** Attempt one question each from Unit I, II, III, IV and the entire UNIT V.

**UNIT-I**

1. Describe elements of Visual Studio .Net IDE. Also explain various controls available with their properties and methods. 13
2. Discuss the utility of following controls with the help of suitable example and code snippets: Textbox, Checkbox, Button, Listbox. Also highlight the important properties and methods of these controls. Appropriately assume any required information yourself. 13

**UNIT-II**

3. Define event driven programming. Write the procedure of adding and removing the events and writing code for the events. 13
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### UNIT-III

5. (a) What are differences between ASP and ASP.NET?  
(b) What are Web Forms? Write a short note on their advantages and features. 7,6
6. Compare major features of ASP.Net and ASP. Elaborate various validation controls and their functionalities with examples. 13

### UNIT-IV

7. Write short notes on:  
(a) Data Adapter for Data Navigation and Data Manipulation  
(b) Using Grid View Control with ADO.Net Data source. 7,6
8. (a) What is ADO.NET? Briefly discuss ADO.Net Object Model.  
(b) How provider class is used? Explain. 7,6

### UNIT-V

9. (a) List Directory related controls. 2  
(b) Name major languages supported by .Net Framework. 2  
(c) What are Web Forms? 2  
(d) Which function is used for displaying messages? Write its syntax. 2  
(e) How optional arguments are declared in Visual Basic? 2  
(f) List the three logical operators available in VB.NET. 3