(i) **Printed Pages : 2**

(ii) **Questions : 9**

Roll No. ....

Sub. Code : `0` `9` `5` `3`

Exam. Code : `0` `0` `3` `2`

Bachelor of Computer Applications 6th Semester
1059
APPLICATION DEVELOPMENT USING VB.Net
Paper–BCA-16-602

Time Allowed : Three Hours]　　　　**[Maximum Marks : 65**

Note :— Candidate is required to attempt *five* questions in all including Question No. **9** (which is compulsory) and attempt remaining *four* questions by selecting *one* question from each Section.

SECTION—A

1. Discuss major features of .Net Framework along with its architecture. Write a note on Common Language Runtime.　13

2. Explain the usage of different controls of toolbox with their commonly used properties and methods with suitable examples.

13

SECTION—B

3. Describe various operators available in VB.Net. Explain VB.Net operator precedence and associativity with suitable examples.　13

4. Discuss various selection and looping structures available in VB.Net with examples. Differentiate among procedure, function and event procedure.　13

SECTION—C

5. Differentiate between ASP and ASP.Net. Discuss in detail various validation controls and their usage with suitable examples. 13

6. How session object and cookie are used to manage state in ASP.Net web application ? Explain the steps involved in writing and deploying ASP.Net application with example. 13

SECTION—D

7. Explain the architecture of ADO.Net object model along with its major functional components. Highlight the features of ADO.Net object model. 13

8. What do you understand by Data Adapter ? Explain its usage with suitable examples. Write a note on Data Grid view control. 13

COMPULSORY QUESTION

9. (a) What is IDE ? 2

   (b) List languages supported by .Net framework. 2

   (c) Give examples of string functions. 2

   (d) How are comments given in VB.Net ? 2

   (e) Differentiate between combo box and list box. 2

   (f) List major web services. 3