

(i) Printed Pages : 2

Roll No. ....

(ii) Questions : 9

Sub. Code : 

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Exam. Code : 

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**Bachelor of Computer Applications 6<sup>th</sup> Semester**  
**(2042)**

**APPLICATION DEVELOPMENT USING VB.NET**

**Paper : BCA-16-602**

**Time Allowed : Three Hours]**

**[Maximum Marks : 65**

**Note :—** Attempt **five** questions in all, including question No. 1, which is compulsory, and selecting **one** question from each unit.

1. Attempt all the following :

- (a) What do you mean by hierarchy of operations ? 2
- (b) What is the purpose of common type system ? 2
- (c) What are the components of .NET framework ? 2
- (d) What is the difference between slider control and spin control ? 2
- (e) What is the difference between state and session ? 2
- (f) Distinguish between connected and disconnected models. 2
- (g) What is a provider class ? 1



## UNIT—I

2. (a) What are the different components of .NET framework ?  
Explain. 7
- (b) Discuss in detail the features of CLR. 6
3. Discuss the properties and uses of any five controls. 13

## UNIT—II

4. What are the different components of development environment of VB.NET ? Explain the purpose of each component. 13
5. Define event driven programming. Write the procedure of adding events and writing code for the events. 13

## UNIT—III

6. How state is managed in ASP.NET ? Explain. 13
7. (a) How session objects are used in ASP.NET ? Explain. 7
- (b) How cookies are used ? Explain. 6

## UNIT—IV

8. (a) Explain the architecture of ADO.NET. 7
- (b) How provider class is used ? Explain. 6
9. Write short notes on the following :
  - (a) Data reader
  - (b) Data adaptor
  - (c) Data set. 13