

(i) Printed Pages : 2

Roll No.

(ii) Questions : 9

Sub. Code :

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Exam. Code :

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BCA
6th
Bachelor of Computer Applications 6th 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