

(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 6th Semester
(2054)

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 ?

(b) How type conversion is done in VB.NET ?

(c) Define event driven programming.

(d) What is the difference between slider control and spin control ?

(e) Distinguish between data adaptor and data set.

(f) How email address validation is done ?

(g) What is a provider class ?

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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 in detail the anatomy of .NET applications. 13

UNIT—II

4. What are the various parts of a Visual Basic .NET solution ?
Explain. 13
5. Define event driven programming. Write the procedure of adding
events and writing code for the events. 13

UNIT—III

6. What are the different validation controls available 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. How data adaptors are used for data manipulation and
navigation ? Explain. 13