

(i) Printed Pages : 2 Roll No.

(ii) Questions : 9 Sub. Code :

1	7	9	5	3
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Exam. Code :

0	0	3	2
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**Bachelor of Computer Applications 6th Semester
(2055)**

APPLICATION DEVELOPMENT USING VB .NET

Paper : BCA-16-602

Time Allowed : Three Hours] [Maximum Marks : 65

Note :— Attempt **FIVE** questions in all, including. Q. 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) How type conversion is done in VB .NET ? 2
- (c) What are the components of .NET framework ? 2
- (d) What is the difference between slider control and spin control ? 2
- (e) Distinguish between data adaptor and data set. 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. What are the different validation controls available in ASP.NET? Explain. 13
7. What is a web service ? How web services are created and consumed? Explain giving example. 13

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