

2018

BCA 5th Semester Examination

DOT NET TECHNOLOGY

PAPER—3103

Full Marks : 70

Time : 3 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Answer Q. No. 1 and any five from the rest.

1. Answer any five questions :

5×2

(a) What is DLL file ?

(b) What are the difference between function and stored procedure ?

(Turn Over)

- (c) What is Global Assembly Cache (GAC) ?
 - (d) What is serialization ?
 - (e) Differentiate between Error and Exception.
 - (f) What is the use of New Keyword ?
 - (g) Define Data Set. Explain with example.
 - (h) Why Cookie is used ?
2. Describe architecture of .NET Framework. 12
3. Explain the importance of validation control in .NET. Describe different types of validation control. What is authentication ? 4+6+2
4. What is CTS (common type specification) ? What is meta data ? Why and how dataadapter is used ? Explain with example.
5. Describe life cycle of Asp.NET. What are class and object ? Explain with suitable example. 7+5

6. Explain the functions of the following controls with suitable code (any three) : **3×4**

(i) Link Button ;

(ii) List Box ;

(iii) Radio Button List ;

(iv) Image Map. **3×4**

7. Write down the differences : **4×3**

(i) Managed and Unmanaged Code ;

(ii) Metadata and Assemblies ;

(iii) Dataset and Data Table ;

(iv) Windows Presentation Foundation and Windows Communication Foundation.

8. Write a short note (any three) : **3×4**

(i) Asp.NET Ajax ;

(ii) MSIL ;

(iii) UDDI ;

(iv) ADO.NET ;

(v) Grid view control.
