

NEW

2017

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 MVC Framework ?
- (b) Describe lifecycle of ASP.Net.
- (c) What is intelligence features ?
- (d) What is Cookie ?

(Turn Over)

- (e) What is an Application Server ?
- (f) Can you use multiple inheritance in .Net ?
- (g) What is global Assembly Cache ?
- (h) What is the difference between user and custom control ?
- (i) What is garbage collection ?
2. (a) What is Dataset and Data Reader ? Describe with example. 3+3
- (b) What are the differences between Dataset and Data Reader ? 4
- (c) Which namespace is used to connect database? 2
3. (a) What are the class and object ? 2+1
- (b) Discuss adding properties, events and methods to a class module. 3+3+3
4. Explain the working principle of the following control. (Any four) 3×4
- (a) Button

(b) Checkbox

(c) Label

(d) Textbox

(e) Combobox

5. (a) What is CLR in .Net framework and its used.

5+3

(b) What is UDDI ?

4

6. (a) Explain meta data.

4

(b) How can we create SQL connection object in .Net.

4

(c) What is Rollbased security. Explain in Details. 4

7. (a) Explain the Roll off Assembly in the .Net Framework.

4

(b) What does an Assembly contain ? Define a private Assembly and shared *Assembly*.

4+4

8. (a) Explain advantages and disadvantages of .Net Framework. 4
- (b) Describe briefly .Net Framework architecture. 8
9. (a) What is ADO.Net ? Describe some features of ADO.Net. 4+4
- (b) Describe uses of ADO.Net. 4
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