

NEW

2016

BCA

5th Semester Examination (Supplementary)

(DOT) NET TECHNOLOGY

PAPER—3103

Full Marks : 100

Time : 3 Hours

The figures in the 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 the function of Stream Writer Class ?
 - (b) Name four languages supported in .NET framework.
 - (c) What are Generic Collections ?
 - (d) What is type forwarding ?

(Turn Over)

- (e) How can you create user defined types ?
- (f) How can we load assemblies in application domain ?
- (g) Why Rangevalidator is used ?
- (h) Differentiate between Drop Down List and List Box.
2. (a) With neat block diagram briefly describe the .Net
frame work architecture. 7
- (b) What do you Mean by ASP.Net directives ? Explain
any two directive with their basic syntax and some
supported attributes. 1+2+2
3. (a) What do you mean by cross language interoperability ?
2
- (b) What is CLR ? Discuss its functions. 2+4
- (c) What is XML ? How does it differ from HTML ? 2+2
4. (a) What do you understand by Thrend Pool ? How do you
Set Thread Priorities in .Net ? Explain with an
example. 4+4
- (b) What is garbage collection ? How it is performed in
.Net framework ? 4

5. (a) What do you mean by ASP ? How does it differ from ASP.Net ? 3+2
- (b) What is cookie ? Describe 2 types of Cookies available in ASP .Net. 2+3
- (c) Write down the namespaces which are required to enable the use of data bases in ASP.Net pages. 2
6. (a) What is event ? Enlist various types of keyboard events. 1+2
- (b) What do you mean by Common Language Runtime (CLR) ? 3
- (c) What is MDI form ? How will you create an MDI Application ? Explain with a simple example. 2+4
7. Write short note on (any four): 4×3
- (a) WSDL ;
 - (b) LINQ ;
 - (c) COM objects ;
 - (d) SOAP ;
 - (e) MSIL ;
 - (f) XML DOM.

[Internal Assessment : 30 Marks]