NEW

2015

BCA

5th Semester Examination

(Dot) NET TECHNOLOGY

PAPER—3103

Full Marks : 70

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 requirement of Web.Config file in web based applications in ·Net frame work ?

   (b) What is the use of Page ? Is valid property and when it is used ?

(c) What is side by side execution ?

(d) Explain API in windows applications.

(e) What is an event ? Give examples of any two keyboard events.

(f) What is the role of ·Net type meta data ?

(g) Differentiate between errors & exceptions.

2. (a) Explain with a neat diagram, the workflow that takes place between your source code, a given ·Net compiler and the ·Net execution engine.

(b) What are the differences between classic COM binarics & ·Net assemblies ? 9+3

3. (a) What is ADO·Net ? Briefly explain the architecture of ADO·Net.

(b) Write the regular expression to validate any string starting with an alphabet and ending with a numeric character. (2+8)+2

4. (a) What are name spaces ? List and explain the purpose of at least five namespaces.

(b) What do you understand by 'Params' method of parameter passing ? Give examples. (1+5)+6

(Continued)

5. *(a)* *Explain value type and Reference type of data with* example. 2+2

    (b) Write a short note on ASP·Net MVC framework. 4

6. (a) Write down the advantages of ·(DOT) Net technology over other technology (eg. J2EE). 2

    (b) Discuss different securities provided by the ·(DOT) Net. 5

    (c) Describe three types of authentication provided by the ·(DOT) NET. 3

    (d) What is authorization ? 2

7. Write short note on (any *four*) : 4×3

    (a) DLL ;

    (b) UDDI ;

    (c) Cross language inhevitance ;

    (d) Operator overloading ;

    (e) Gvidview Control ;

    (f) Compare Validator.

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(Turn Over)