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**BT—04—2016**

**FACULTY OF COMPUTER STUDIES**

**M.Sc. (Second Semester) EXAMINATION**

**OCTOBER/NOVEMBER, 2016**

**(CBCS Pattern)**

**SOFTWARE ENGINEERING**

**(Visual Basic .NET)**

**(Thursday, 17-11-2016)**

**Time : 10.00 a.m. to 1.00 p.m.**

*Time—3 Hours*

*Maximum Marks—75*

*N.B. :— (i) All questions are compulsory.*

*(ii) Figures to the right indicate full marks.*

*(iii) Assume suitable data, if necessary.*

1. Attempt any *three* of the following : 3×5=15

(a) What is a inheritance ? Explain with their types and examples.

(b) What is polymorphism ? Explain with examples.

(c) Explain difference between subroutine and function with examples.

(d) What is .NET ? Explain the overview of .NET framework.

2. Answer the following (any *three*) : 3×5=15

(a) Write a note on structured Exception Handling.

(b) Explain string builder class with examples.

(c) Explain Directory and file class.

(d) What is Exception ? Explain handling exception.

3. Solve the following (any *three*) : 3×5=15

(a) Explain the properties and methods of List Box Control.

(b) Write a program to read the data from file and display it on Text Box.

(c) Write a note on filestream watcher.

(d) Write a note on Architecture of ADO.NET.

P.T.O.

4. Answer the following (any *three*) :

3×5=15

- (a) Explain creating and displaying crystal report.
- (b) Write a note on property window and solution explorer window.
- (c) Write a program to delete a Record from table when button is clicked.
- (d) Explain passing unknown number of argument to function.

5. Write short notes on any *three* :

3×5=15

- (a) Types of Errors
- (b) Features of VB.NET
- (c) MyBase and MyClass
- (d) Treeview control
- (e) StreamReader class.