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**BP—16—2016**

**FACULTY OF COMPUTER STUDIES**

**B.Sc. (SE) (Third Year) (Fifth Semester) EXAMINATION**

**NOVEMBER/DECEMBER, 2016**

**SOFTWARE ENGINEERING**

**(Visual Basic.Net)**

**(Tuesday, 22-11-2016)**

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

*Time— Three Hours*

*Maximum Marks—80*

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

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

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

1. Attempt the following : 20

(a) Explain tree view control with example.

(b) Explain inheritance with example.

(c) Explain command language runtime.

(d) Explain extended intelligence.

2. (a) What is form ? Explain anatomy of form. 8

(b) Explain list box and combobox control with example. 7

*Or*

(c) Write a program to create and use custom class. 8

(d) Explain custom properties with example. in VB.Net. 7

3. (a) Explain ADO.Net architecture in detail. 8

(b) Write a program to demonstrate database connection. 7

*Or*

(c) Explain file and directory class with example. 8

(d) Explain subroutine and functions with example. 7

P.T.O.

4. (a) Explain procedure for designing menus in detail. 8
- (b) Explain methods of char class with example. 7
- Or*
- (c) Explain properties and events of rich text box control. 8
- (d) Explain argument passing mechanism with example. 7
5. Write short notes on any *three* of the following : 15
- (a) My Base and My Class
- (b) Path Class
- (c) String Class
- (d) Listview Control
- (e) Code Window.