BO—33—2016
FACULTY OF COMPUTER STUDIES
B.C.A. (Third Year) (Sixth Semester) EXAMINATION
OCTOBER/NOVEMBER, 2016
(Revised Course)
VISUAL BASIC .NET
Paper S6.5

(Tuesday, 29-11-2016)   **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) From question Nos. **2** to **4**, solve either '*a*' and '*b*' or '*c*' and '*d*'.

(iv)   Assume suitable data, if necessary.

1.   Attempt the following :   20

(*a*)   Discuss .net framework classes.

(*b*)   What is array ? Discuss initialiging arrays in short.

(*c*)   Explain collection.

(*d*)   Discuss Windows *Vs.* DOS programming.

2.   (*a*)   What is array list ? Discuss its methods. Write .net code to show the use of array list.   8

(*b*)   Explain for-each-next loop. Write .net code to demonstrate use of for-each next loop.   7

Or

(*c*)   What is dialog box ? Discuss save file dialog control along with its properties.   8

(*d*)   Write .net code to find whether the given number is prime or not. 7

P.T.O.

3. (a) What is context menu ? Write a procedure for creating context menu and create .net application which give response for each context menu button. 15

<p style="text-align:center">Or</p>

(c) Write .net code to show use of any four form events. 8

(d) Discuss various string methods with suitable example. 7

4. (a) Write .net code to display three button message like abort | retry | ignore. Discuss it with suitable example. 8

(b) Explain how events responded in .net. 7

<p style="text-align:center">Or</p>

(c) Along with properties and methods discuss print dialog control. 8

(d) Explain do-until loop with example. Wirte .net code using do-until. 7

5. Write short notes on (any *three*) : 15

(a) CLR

(b) Dynamic arrays

(c) Hash table

(d) Constants and variables

(e) Toolbar in VB.Net IDE.