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Seat
No.

[5263]-402

S.Y. B.C.A. (Semester IV) EXAMINATION, 2017

402 : PROGRAMMING IN VISUAL BASIC

(2013 PATTERN)

Time : Three Hours　　　　　　　　　　**Maximum Marks : 80**

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

　　　　(ii)　Figures to the right indicate full marks.

　　　　(iii)　Give illustration wherever necessary.

1.　Explain the following property setting (any *eight*) :　　　[16]

　(a)　Property used to enable textbox control.

　(b)　Property used to set background image of form.

　(c)　Property used to count number of item in the listbox control.

　(d)　Property used to draw circle from shape control.

　(e)　Property used to sort items in combobox.

　(f)　Property used to clear all the items from listbox.

　(g)　Property used to Hide Data control at runtime.

　(h)　Property used to set value of checkbox.

　(i)　Property used to specify text when the mouse is paused over the control.

　(j)　Property to set job order for the control of the form.

　　　　　　　　　　　　　　　　　　　　P.T.O.

2. Answer the following (any *four*) : [16]

(*a*) Explain briefly ADO Data Control.

(*b*) Define implicit and explicit variable declaration ? Explain the use of option explicit.

(*c*) Explain scroll bar control with its property.

(*d*) Explain any *four* string functions with syntax and example.

(*e*) Differentiate between option button and check box.

3. Attempt the following (any *four*) : [16]

(*a*) Write a VB program to find factorial of given number.

(*b*) Write a VB program for addition of two matrices.

(*c*) Write a menu driven program in VB to perform the following :

(*i*) Area of Square

(*ii*) Area of Rectangle.

(*d*) Write a VB program to transfer the selected elements from List 1 and List 2.

(*e*) Write a VB program to check whether a year is leap year or not.

4. Attempt the following (any *two*) : [16]

(*a*) How to create menu ? Explain with an example.

(*b*)   Explain do-until and until-do looping structures used in VB with syntax and example.

(*c*)   Write a VB program to accept the student details from user and store the details into the database (Don't use standard control) student having rollno, name, class as a fields.

5.   Write short notes on (any *four*) :   [16]

(*a*)   MDI

(*b*)   Progress Bar

(*c*)   Picture Box

(*d*)   Data Types

(*e*)   Features of VB6.0.