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**[5163]-402**

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

**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 illustrate wherever necessary.

1. Explain the following property setting (any *eight*) : [8×2=16]
- (a) Property used to display a read only combo box.
  - (b) Property used to set special password character of Text Box.
  - (c) Property used to disable label control.
  - (d) Property used to display information on the command button.
  - (e) Property used to place a picture on a command button.
  - (f) Property used to set value of check box.
  - (g) Property used to set current path of folder of directory list box.
  - (h) Property used to count number of items in list box.
  - (i) Property used to sort items in combo box.
  - (j) Property used to resize image control.

P.T.O.

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

- (a) What are Control Arrays ? Explain with the help of a suitable example.
- (b) Explain Message Box with syntax and example.
- (c) Explain data types in visual basic.
- (d) Explain any *four* string functions with suitable example.
- (e) Explain if-then-else statement with syntax with example.

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

- (a) Write a VB program to check given number is prime or not.
- (b) Write a VB program to find maximum number from an array.
- (c) Write a VB program to calculate  $x^y$  without using built-in function.
- (d) Write a menu driven program in VB to perform the following :
  - Area of Rectangle
  - Area of Triangle.
- (e) Write a VB program to accept a string and Text box and revised set and display.

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

- (a) What is Event ? Explain various events related with Mouse and Keyboard.
- (b) Define Array and explain types of array with syntax and example.
- (c) Write a VB program to accept the details of Doctor from user and store that details into the database (Don't use standard control) doctor having  
Doctor\_id, Doctor\_name, Doctor\_address, Doctor\_phoneno.

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

- (a) Status bar
- (b) Toolbar control
- (c) Common Dialog Box
- (d) Data Report
- (e) ADO DC Control.