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[4968]-4002

B.C.A. (IV-Semester) EXAMINATION, 2016

PROGRAMMING IN VISUAL BASIC

(2013 PATTERN)

Time : 3 Hours

Maximum Marks : 80

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

(ii) Figures to the right indicate full mark.

(iii) Give illustration wherever necessary.

1. Explain the following property setting (any **8**) : [16]

(a) Property used to apply **bold** and *Italic* effect on selected text of rich textbox.

(b) Property used to type multiline text in a textbox.

(c) Property used to resize the label control according to your caption.

(d) Property used to resize the Picture box.

(e) Property used to sort the items in the list box.

(f) Property used to place a picture on command button.

(g) Property used to set the value of Checkbox.

(h) Property used to specify the space of the mouse pointer when over the area of the combo box.

P.T.O.

- (i) Property used to set focus order of control.
- (j) Property used to set current path of folder of directory list box.

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

- (a) Explain any *four* numeric functions with example.
- (b) Explain model and modeless form.
- (c) Explain briefly MDI form. How is it different from single form?
- (d) What are control array? Explain with the help of suitable example.
- (e) Explain different types of Dialog boxes.

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

- (a) Write a VB program to print Fibonacci series.
- (b) Write a VB program to swap two numbers without using third variable.
- (c) Write a VB program to find greatest number among three numbers.
- (d) Write a VB program to calculate simple interest and display result on the message box.
- (e) Write a program to check whether given number is Armstrong or not.

4. Attempt the following (any 2) : [16]

- (a) Write a program to accept the details of employee from user and store that details into the database (Don't use standard control) Employee having fields eid, ename, eaddr, salary.

- (b) What is Menu editor ? Explain steps to create popup menu using menu editor with suitable example.
- (c) Explain any *four* control structure with suitable example.

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

- (a) Progress bar
- (b) Toolbar
- (c) Frame control
- (d) With Statement
- (e) Events of a form.