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Your Roll No.

B.A. (Prog.)/III

E

COMPUTER APPLICATION - PAPER-III-(B)

(Programming in Visual Basic)

(Admission of 2004 and onwards)

Time : 3 Hours

Maximum Marks : 45

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Questions No. 1 is compulsory.

Attempt any three from the Q2 to Q6

Part of a question must be answered together.

1. (a) How to add and remove forms in a Visual Basic project? (3)
- (b) Define the term validation. Describe any two input validation techniques. (3)
- (c) What is the purpose of the following statements?

P.T.O.

- (i) On Error Go to Line Label.
 - (ii) On Error go to 0
 - (iii) On Error Resume Next. (3)
- (d) What is Data control? Describe any two properties associated with Data Control. (3)
- (e) Write Visual Basic conditional statement to find the commission of a sales on the basis of following criteria:

Items Sold	Commission
For first 100 items	Rs. 500
101-300 items	Rs. 800
Above 300	Rs. 1000 (3)

2. (a) Explain the difference between the local variable, module level variable and the global level variable in Visual Basic. (3)
- (b) Give the steps required to convert a project file into an .exe file. (3)
- (c) Write a statement in Visual Basic to display OK and Cancel buttons with a message "hello world I'm Here". (2)

- (d) What will be the result of following statement in Visual Basic?
 $B/A+C^2-7$
Assume $A=2$, $B=4$, $C=3$. (2)
3. (a) Explain the difference between the pretest and posttest conditions in Do/Loop. (3)
- (b) List the methods that can be used to fill combo box at the run time and design time. (3)
- (c) What will be the output of the following statements?
- (i) Right (Computer Science, 5)
 - (ii) Len (Visual Basic)
 - (iii) Mid (Computer Science, 2, 7)
 - (iv) Printer. Print 1;2;3;4;5;6;7 (4)
4. (a) What is the purpose of Keyboard Access keys? Explain with an example. (2)
- (b) Differentiate between a label and a textbox. (2)
- (c) Describe how to select several labels and set them all to 12-font size with one command. (2)
- (d) What the purpose of Option Explicit and remark statements in Visual Basic? (2)

- (e) What is the default property of control in Visual Basic? Explain with an example. (2)
5. (a) Write a program in Visual Basic to add two arrays of 3×3 dimensions. (5)
- (b) Write a program in Visual Basic to calculate the sum of following series:
 $1+2^3+3^3+4^3+\dots+n^3$ (5)
6. (a) What the purpose of these Visual Basic file types : .vbproj, .frm? (2)
- (b) Write a code segment on Visual Basic using the following form to move to first, last, next and previous on click of corresponding buttons displayed in the form:

Employee Name	<input type="text"/>
Salary	<input type="text"/>
<input type="button" value="First"/>	<input type="button" value="Last"/>
<input type="button" value="Next"/>	<input type="button" value="Prev"/>

(8)