

Paper ID & Roll No. to be filled in your Answer Book

Roll No.

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**BCA (Fourth Semester)
Even Semester Examination, 2015
VISUAL BASIC PROGRAMMING**

Time: 3.00 Hours]

[Max. Marks: 70

Note: Attempt any Two of the following:

(2×5=10)

1. (a) What do you mean by an edition and versions of the visual basic; Illustrate with examples.
- (b) List the components of IDE cool bar of visual basic.
- (c) What do you mean by event based programming?

Note: Attempt any Four of the following:

(4×5=20)

2. (a) Differentiate between events and methods of the visual basic with suitable examples.
- (b) What are the special data types only available in visual basic? Explain with their usage.
- (c) Highlight the intrinsic and extrinsic features of visual basic.
- (d) List the usage of the following in visual programming:
 - (i) Toolbox
 - (ii) Data controls
- (e) Design a form in Visual Basic for Registration along with necessary information.

(1)

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(170)

Note: Attempt any Two of the following:

(2×10=20)

3. (a) Explain the role of the following in designing an user response form:
- (i) Check-box
 - (ii) Radio button
 - (iii) Command button
- (b) Describe the data connectivity tools in visual basic projects.
- (c) What is control array in Visual Basic? Design a form for calculator using control array.

Note: Attempt any Four of the following:

(4×5=20)

4. (a) What is SDI? Differentiate it from MDI.
- (b) List the steps of preparing crystal reports; how the crystal reports are different from data reports?
- (c) Write notes on the following:
- (i) ADO
 - (ii) RDO
 - (iii) DAO
- (d) Differentiate between ODBC and OLE to access back end data from data source.
- (e) What is menu editor? How can we create menu bar in our form?

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