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XEV (H-3) – BCA (5)
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(2)

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Full Marks : 100

Time : 3 hours

The questions are of equal value

Answer **five** questions including Question **1** which is compulsory

1. Choose the correct answers/Fill in the blanks of the following :

   (a) Backend for VB is
   - (i) Oracle
   - (ii) C++
   - (iii) Java
   - (iv) None of these

   (b) Extension of a standard module is
   - (i) .BAS
   - (ii) .CLS
   - (iii) .FRM
   - (iv) None of these

   (c) Extension of ActiveX Control is
   - (i) .axc
   - (ii) .ocx
   - (iii) .cox
   - (iv) None of these

   (d) ADODB accesses data via ——— provider.
   - (i) OLEDB
   - (ii) JET
   - (iii) ACCESS
   - (iv) None of these

   (e) In ——— scope, variables are available only to the module in which they are declared.
   - (i) private
   - (ii) public
   - (iii) module
   - (iv) static

   (f) The default data type for Visual Basic is
   - (i) Integer
   - (ii) Boolean
   - (iii) Variant
   - (iv) String

   (g) ——— arrays can be resized at anytime.
   - (i) Dynamic
   - (ii) Fixed
   - (iii) Multidimensional
   - (iv) Control

   (h) ——— is a collection of files.
   - (i) Class

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    (ii) Group

    (iii) Project

    (iv) Form

 (i) To load graphics on a control at runtime, we have to use the function

    (i) LoadImage

    (ii) LoadPicture

    (iii) LoadGraphics

    (iv) None of these

 (j) MDI stands for

    (i) Multiple Document Interpreters

    (ii) Multiple Document Interface

    (iii) Multi Document Interval

    (iv) None of these

2. *(a)* Explain the features of VB. Define project and form.

   (b) What is variable? How is it declared? What do you mean by scope of variable?

3. Write short notes on *any two* of the following :

   (a) Debug Menu

   (b) ODBC and DSN

   (c) Modules

   (d) Listbox and Combobox.

4. What features are available in VB for database connectivity? Explain frontend and backend tools.

5. *(a)* Give syntax of for .... Next loop. Explain with example.

   (b) Explain Textbox, Label and Command button with their properties, methods and events.

6. Differentiate between *any two* of the following with suitable examples :

   (a) MDI and SDI

   (b) Constant and Variables

   (c) ADO and RDO

   (d) Check box and Option box.

7. What do you mean by event driven programming? How does it differ with procedure-oriented programming?

8. How to browse and update records by using Data Access Objects?

9. Explain control array with example.

10. Explain in detail, the various ways of accessing an external database in VB.

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