

**67175**

**M.C.A. 4th Semester  
(with new notes)**

**Examination-May, 2015**

**Visual Languages Programming (New)**

**Paper-MCA-405**

**Time : 3 hours**

**Max. Marks : 80**

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard will be entertained after the examination.

**Note :** Attempt **five** questions in all. The entire Q. No. 1 is **compulsory**. Attempt **one** question each from unit-I to Unit-IV. All questions carry equal marks.

1. Attempt all the parts in brief : [8×2=16]
- (a) What is Popup menus ?
  - (b) List few properties of text box control ?
  - (c) What do you mean by VB Environment?

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[ Turn Over

- (b) Explain DAO.
- (e) What are the different control constructs in VB ?
- (f) What is an event ?
- (g) Give use of Active X documents.
- (h) List various development tools included in VB 6 ?

### UNIT-I

2. (a) What is an event ? What is meant by event driven programming ? What are forms in visual basic ? Explain how you can control one form within another. [8]
- (b) Define boxes. List and explain various types of boxes which can be used in Visual Basic. [8]
3. Write short notes on the following : [16]
- (a) Client-server database deployment
  - (b) Two-Tier Client-Server model
  - (c) Three-Tier Client-Server model

**UNIT-II**

4. (a) Explain the significance of variant variables. What arithmetic operations are available in VB ? What is their natural hierarchy ? Explain with examples. [8]
- (b) What are the salient features of control arrays ? Explain how to create and work with control arrays ? [8]
5. (a) How procedure and functions are called in VB? Explain with examples.[8]
- (b) What is record set ? What are its properties ? Also explain working with record sets with examples. [8]

**UNIT-III**

6. (a) What are Active X Data Objects (ADO) in VB ? Explain their structures and working with examples. [8]
- (b) What is Active X in VB ? For what purpose it is used ? What are its advantages ? How active X controls are created ? Explain through a program example in VB. [8]

7. Write short notes on the following : [16]

- (a) Remote data objects and remote data control.
- (b) Using active X control interface wizard and property pages wizard.
- (c) Active X DLL.

#### UNIT-IV

8. Write short notes on the following : [16]

- (a) Development tools included with VB 6.
- (b) Packaging standard EXE project.
- (c) Working with source safe projects reports & packaging.

9. (a) Explain tools used with VB script and VB script languages. [7]

(b) What do you mean by active server pages ? Explain. [5]

(b) What do you mean by ASP objects ? Explain. [4]