

### UNIT-III

6. (a) What are the advantages of ADO over RDO and DAO ? Write the steps for creating source connectivity using ODBC.
- (b) Discuss the procedure to create test and register Active X control.
7. (a) Discuss the working of ADO. Write an example to add, delete, update and navigate records at runtime with ADO data objects.
- (b) What are ambient and extender objects ? How can property pages be created ?

### UNIT-IV

8. (a) Differentiate between data reports and crystal reports. How are these generated ?
- (b) Explain the concept of safe source project reports and packaging in VB.
9. (a) What are ASP objects ? Explain with example.
- (b) Discuss the tools used with VB script and VB script languages.

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Roll No. ....

**67175**

## **MCA 4th Semester (With New notes M.M. 80) Examination- May, 2016**

**VISUAL LANGUAGES PROGRAMMING (NEW)**

**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. Q.No 1 is **compulsory**. In addition to this compulsory question, attempt **four** more questions, selecting **one** from each Unit.

**1. Compulsory question :**

- (a) What is a startup object ? How can you set form free startup ?
- (b) Discuss different methods of using print statement.

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- (c) What is the significance of variant data type ? Give example for creating user defined data type.
- (d) What is the purpose of option explicit statement ?
- (e) What are bound controls ? Enumerate some of them.
- (f) What is ODBC ? Which control is used with it ?
- (g) Differentiate ActiveX DLL and ActiveX EXE.
- (h) What is active server page ?

#### UNIT - I

2. (a) What is client-server architecture ? How is it different from other architectures ? How is three-tier architecture suitable for web applications ?
- (b) Differentiate between intrinsic and extrinsic control. List out common properties of various controls.

3. (a) Differentiate between SDI and MDI. Discuss the steps for building MDI application.
- (b) How is function different from subroutine ? Write an example to justify the answer.

#### UNIT - II

4. (a) Discuss various control statements in VB. How are entry controlled loops different from exit controlled loops ?
- (b) What is recordset ? What are its properties ? Give example for navigating the records of a recordset.
5. (a) Discuss the following in context of arrays :
- (i) Multidimensional array
  - (ii) Dynamic array
  - (iii) Preserving previous data
  - (iv) Array related functions
- (b) How is data control different from bound control ? What are the steps to access and display the contents of database using DAO ?