UNIT-III

6. (a) Define ActiveX control. How are these different from standard controls ? Discuss the procedure of creating and registering an ActiveX control.

(b) What are the steps for setting connection string in ADO ? How bound controls are used with ADO ?

7. (a) Discuss the working of ADO. Write an example to add, delete, update and navigate records at run time with ADO data objects.

(b) What are ambient and extender objects? What are the steps for creating property pages and building class module.

UNIT-IV

8. (a) Differentiate data reports and crystal reports. How are these generated ?

(b) Explain various development tools used in VB with their functioning.

9. (a) What are ASP objects ? Explain with an example.

(b) Discuss COM and service models present in VB.

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M.C.A. 4th Sem. (with new notes) M.M. 80

Examination–May, 2017

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. Question No. 1 is **compulsory**. In addition to compulsory question, attempt **four** more questions selecting **one** question from each Unit. All questions carry equal marks.

1. Compulsory Question:

(a) What is startup object? How can you set form free startup ?

(b) Discuss the properties and various methods used to manipulate list box control.

(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 are the ADO objects ? Discuss the scenario using three of them to return data from a database.

(g) Write steps to add an event to a user defined ActiveX control.

(h) What are the features and uses of VB script ?

UNIT-I

2. (a) What are the uses of picture box ? How a picture box is different from image control ?

(b) Write a VB code to add week days in a listbox control and delete one of them.

(c) Differentiate SDI and MDI application. Write steps to create MDI application.

3. (a) What is client-server database deployment ? Differentiate two-tier and three-tier client-server model.

(b) Discuss the steps involved in creation of predefined menu in VB. Also write syntax for creating popup menu.

(c) Discuss different events related to keyboard and mouse that can be used in VB.

UNIT-II

4. (a) What are the ways to restrict usage of any variable or module ? Discuss with an example.

(b) What is control array ? How can you add or remove controls in it during run time ?

5. (a) Differentiate procedure and function. Discuss the example of parameter passing using By value and By value.

(b) How data control is different from bound control ? What are the steps to access and display the contents of database using DAO ?