(b) What do you mean by ActiveX DLL and ActiveX
EXE ? Explain in detail.   6

9. (a) What is database programming ? How we
connect a VB form to Data base by using RDO
and ADO ? Explain in detail.   10

(b) Explain the concept of File Handling. Also explain
the different operations performing on a File.   6

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MCA 2nd Semester (Non CBCS Scheme) Examination – May, 2019

VISUAL LANGUAGES PROGRAMMING

Paper : MCA-405

Time : Three Hours]   *[Maximum 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 examination.

Note : Attempt *five* questions in all. Question Number
1 will be *compulsory*. In addition to
compulsory question, student will have to
attempt *four* more questions selecting *one*
question from each Unit. All questions carry
equal marks.

1. (a) What is IDE (Integrated Development
Environment) of VB ? $2 \times 8 = 16$

(b) What do you mean by Arrays ? Explain.

(c) What do you mean by showing and hiding form
in VB ?

(d) What do you mean by String operations in VB ?

(e) Explain the uses of Tool Bar in VB.

(f) What is DAO ? Explain.

(g) How to create a File in VB ?

(h) What is data-bound control ? Explain.

UNIT – I

2. Explain the following in detail : $4 \times 4 = 16$

(i) Text Box and Label box

(ii) Need of built-in functions in Visual Basic

(iii) Picture Box and Image Box

(iv) List Box and Combo Box

3. (a) Explain the concept of event driven programming and object oriented programming. Also List and explain about some of the event supported by VB object in detail ?   8

(b) What do you mean by Looping statements in VB ? Explain in detail with example.   8

UNIT – II

4. (a) What is Menu? How we create menu in VB ? How we Modifying and Deleting Menu Items ? Explain through example.   8

(b) What do you mean by SDI and MDI form ? How you create an MDI from ? Explain through example.   8

5. (a) What is the significance of a form in Visual basic(VB) ? How do we create the forms and managed at run time ? List and explain some important properties of the form.   8

(b) Explain the following in detail through example : $2 \times 4 = 8$

(i) Dialog Boxes

(ii) Creating Submenus

UNIT – III

6. Explain the following through suitable example in detail : $2 \times 8 = 16$

(a) Tree view and List view,

(b) Status bar and Scroll Bar

7. How graphic used in VB ? Explain working with graphic using paint and RBG through suitable example in detail.   16

UNIT – IV

8. (a) What do you mean by ActiveX Controls ? Write various steps to build your own ActiveX control. Also explain the uses of an ActiveX Controls.   10