

Roll No. ....

67060

MCA 2nd Semester CBCS Scheme  
w.e.f. 2016-17

Examination – May, 2018

VISUAL LANGUAGE PROGRAMMING

Paper : 16MCA32C5

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

1. Compulsory Question :

(a) What are extrinsic controls? Give examples.

2 (b) "VB is both event driven and object based programming language". Justify the statement.

- 2
- 4
- 2
- 2
- 1
- 1
- (c) Give an example to differentiate between function and subroutine in VB.
- (d) What is Image list? What is the advantage or using it in VB project?
- (e) Discuss various ways of using Print statement with example.
- (f) Draw a flowchart to show the lifecycle of a form in VB project.
- (g) What are the various ways of passing arguments to a function in VB? Give example of each.
- (h) How an ActiveX control is different from Active Exe.

#### UNIT - I

2. (a) Differentiate static and dynamic arrays by giving example. Also discuss the need of collections in VB.

(b) "VB IDE is a powerful development platform". Justify the statement by describing its components.

3. (a) Write a VB code snippet to add weekdays in a listbox at Form\_Load() event. Also write some important properties of list box.
- (b) Explain various branching and looping statements by giving code snippets in VB.

### UNIT – II

4. (a) Differentiate between SDI and MDI applications. Write steps to create MDI application with two child forms.
- (b) How forms can be created and loaded at run time? Also give example to coordinate data between multiple forms.
5. (a) What are the features of menu editors ? How menu items can be added, deleted and modified using it ?
- (b) What is the advantage of using common dialog box. Name the various types of dialog boxes and their important properties.

### UNIT – III

6. (a) What are the features of Rich text box which make it different from simple text box ? Write the steps to select text in Rich text box.

- (b) Explain various methods of setting colors in VB.  
And how circle function can be used to draw ellipse and arc.
7. (a) What are the parameters of line function ? How you can draw a box using line function ?
- (b) Name the various events related to TreeView control. Explain each by giving example.

#### UNIT - IV

8. (a) What is ODBC? Write steps for ODBC connection and link it to RDO and bound control.
- (b) How files are opened and saved using Rich Textbox ? Discuss with example and code snippet.
9. (a) Compare ADO and RDO ? Write data specific bound controls used with ADO.
- (b) How ActiveX Exe is different from ActiveX DLL ? Write steps to create ActiveX Exe.