

9. Explain the following : [10]

- (i) Common dialog control
- (ii) ADO
- (iii) RDO
- (iv) Active X control

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(4)

Question Paper Code : 6501

M.C.A. (Semester-II) Examination, 2018

PROGRAMMING IN VISUAL BASIC

[Second Paper]

Time : Three Hours]

[Maximum Marks : 70

Note : Attempt **five** questions in **all**. Question **No. 1** is **compulsory**. Beside this, attempt **one** question from each Unit.

1. Answer the following : [3x10=30]

- (a) Write the syntax for showing and hiding the visual basic form.
- (b) What is arguments ? Explain the actual and formal arguments.
- (c) Define the data types. List out the various data types, its size and suffix used respectively.
- (d) Write the procedure to insert the common dialog controls in tool box.
- (e) Write the purpose of command button and check box.

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(1)

[P.T.O.]

- (f) What is Hscrollbar (horizontal scroll bar) ?
- (g) What do you understand by event and method ?
- (h) What is OLE control ?
- (i) Write the purpose of properties and methods of list box.
- (j) What is the difference between text box and rich text box ?

UNIT-I

- 2. (a) Define array, and differentiate between static array and dynamic array. [5]
- (b) What is procedure, differentiate between function and subprocedure. [5]
- 3. (a) Why visual basic is called integrated development environment ? [5]
- (b) What is the purpose of properties window in visual basic ? [5]

UNIT-II

- 4. (a) Write the steps to change the color for the command buttons. [5]

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(2)

- (b) Write a program that will display the total of the first five numbers entered by the user. [5]
- 5. (a) Write a program to change the form colour by using the timer. [5]
- (b) Design a VB project to authenticate the user by user login id and password. [5]

UNIT-III

- 6. Design a VB project for editor which will perform the following tasks - cut, copy paste, bold, italic, underline, save and save as, print, open. [10]
- 7. (a) Discuss the types of errors and error handling methods and functions in V.B. [5]
- (b) Design a V.B. project for creation of animated circle which grows at center of the form. [5]

UNIT-IV

- 8. (a) What do you understand by visual data manager ? [5]
- (b) Discuss the data control methods, properties and connectivity with database. [5]

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(3)

[P.T.O.]