

2016

Time : 3 hours

Full Marks : 100

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

Answer any five questions, in which, question no 1 is compulsory.

1. Choose the correct answer of the following :

(a) Visual Basic is a tool that allows you to develop application in :

- (i) Real time
- (ii) Graphical user interface
- (iii) Menu Driver
- (iv) None

(b) Which windows displays a list of all forms and modules making up your application :

- (i) Project window
- (ii) Properties window
- (iii) Form layout window
- (iv) None

- (c) In visual Basic, a variable name cannot be more than :
 - (i) 450 character
 - (ii) 255 character
 - (iii) 355 character
 - (iv) 356 character
- (d) Which one is combines the features of the text box and list box :
 - (i) Picture box
 - (ii) Check box
 - (iii) Combo box
 - (iv) Option button
- (e) Which one displays a list of items form which user can select one or more items :
 - (i) Combo box
 - (ii) List box
 - (iii) Check box
 - (iv) Scroll box
- (f) Visual Basic maintains a project file with the extension :
 - (i) .frm (ii) .vbp
 - (iii) .vbs (iv) .cls
- (g) Which one indicates whether a particular condition is on or off :
 - (i) Combo box
 - (ii) List box

- (iii) Check box
 - (iv) None
- (h) MDI stands for :
- (i) Multiple Document interpreter
 - (ii) Multiple Document interface
 - (iii) Multi Document Interval
 - (iv) None
- (i) Which one is an action recognised by a form or the control :
- (i) Property (ii) Event
 - (iii) Method (iv) Procedure
- (j) Which one is a special tool available in VB to access database directly :
- (i) VDM (ii) DAO
 - (iii) ADO (iv) None
2. Describe most important features of Visual Basic language. What do you mean by IDE ? Explain each of their components.
3. What is common dialog box ? How many types of common dialog box are there in VB6.0 ? Describe each with suitable example.
4. What are different types of control in VB ? Explain. Illustrate the difference between function and procedure.
5. (a) What is difference between ADO and other data object ?

- (b) What is ODBC ? How can you create the ODBC in Visual Basic ?
6. What do you mean by array ? What are different types of array in VB ? How you can make dynamic array in VB ? Illustrate with example.
7. Describe about the various looping structure used in visual basic. Write about the difference between do-while and do-looping structure.
8. What is form in VB6.0 ? Discuss the following form method show, hide, load, unload, activate, deactivate and graphics method. How can you add a form in your project.
9. Discuss the following commands with suitable example :
- (a) Create table (b) Delete (c) Grant
 - (d) Round (e) inner and outer join
10. Write short notes on any **three** of the following :
- (a) MDI and SDI applications
 - (b) Dynamic Binding
 - (c) Scroll bar control's event
 - (d) Data manipulation (DML) and Data control (DCL) language
 - (e) DBMS and RDBMS

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