

## Visual Basic - 2017

Note : Attempt all compulsory questions.

### Section-'A' (Objective Type Questions)

- I. Choose the correct answer.
- (i) Which type of project can a developer choose in the New Project dialog box?
  - (a) Visual Basic Projects
  - (b) Visual C++ Projects
  - (c) Visual C# projects
  - (d) All of the above
- (ii) Which are the standard prefixes for the button and combo box controls respectively?
  - (a) btn and chb
  - (b) btn and cbo
  - (c) bto and chb
  - (d) bto and cbo
- (iii) Which task is accomplished in the code editor?
  - (a) Adding forms to the project
  - (b) Adding controls to the form
  - (c) Adding event procedures to the form
  - (d) Both a and b
- (iv) Which property determines whether a control is displayed to the user?
  - (a) Hide
  - (b) Show
  - (c) Visible
  - (d) Enabled
- (v) What is the method used to activate the color dialog box?
  - (a) Show dialog
  - (b) Display Dialog
  - (c) Activate Dialog
  - (d) Exhibit Dialog
- (vi) An array of controls can be populated by:
  - (a) Assigning existing controls to the array
  - (b) Borrowing controls that will automatically assign them to the array
  - (c) Creating controls and assigning them to the array
  - (d) Both a and b
- (vii) Which is a valid statement for declaring a variable?
  - (a) Const Form As integer
  - (b) Dim myform As integer
  - (c) Const myForm As integer
  - (d) Dim Form As integer
- (viii) Which function displays a pop-up window?
  - (a) Msg Box
  - (b) Text box
  - (c) Input box
  - (d) Both a and b
- (ix) Which is not a standard dialog box?
  - (a) Zoom Dialog
  - (b) Font Dialog
  - (c) Color Dialog
  - (d) Print Dialog

- (x) A foreign key:
  - (a) Has nothing to do with the primary key
  - (b) is related to the primary key of a different table
  - (c) Has different values than the primary key
  - (d) Is found in tables that don't have a primary key
- (xi) The normalization process is:
  - (a) Used to remove redundant data
  - (b) Used to make the storage of a data more efficient
  - (c) Both a and b
  - (d) All of the above
- (xii) Which is not a program that can create a database?
  - (a) Access
  - (b) MySQL
  - (c) Oracle
  - (d) All of the above can be used to create a database
- (viii) Which clause is required in an SQL query for getting information from a database?
  - (a) SELECT
  - (b) ON
  - (c) JOIN
  - (d) ORDER BY
- (xiv) The ORDER By clause is used to sort:
  - (a) Fields
  - (b) Records
  - (c) Tables
  - (d) Both a and b
- (xv) Which is the wildcard symbol for selecting all the fields in a table?
  - (a) @
  - (b) ^
  - (c) #
  - (d) \*

### Section-'B' (Short Answer Type Questions)

2. List and explain the five windows that are displayed by Visual Basic when it gets started.
- Or Briefly explain scope, location and lifetime of a variable in VB.
3. Describe event driven programming? List and explain about some of the events supported by Visual Basic Objects.
- Or Differentiate between function and procedure of Visual Basic with suitable example.
4. What are the advantage of ADO Data Control? Explain about different objects of ADO model.
- Or Explain various types of error that may occur in VB. Also give tips to avoid them.
5. What is union compatibility? Why do the union, intersection and difference operation require that relation on which they are applied be union compatible.

- Or Discuss about range searching and pattern matching in SQL with example.
6. Briefly discuss about granting and revoking permission with syntax and example.
- Or Describe joins and its various types with example.

**Section- 'C' (Long Answer Type Questions)**

7. Write VB program to process the grades of a student along with the form design.
- Or Differentiate between following:
- (a) Combo Box and List Box      (b) Picture Box and Image Box
- (c) Pop Up and Dynamic Menu      (d) Check Box and option Button
8. Describe control array? Write difference between array and control array. Explain them through VB code.
- Or Describe SDI and MDI forms and how can you create parent and Child form? Explain in details with example.
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