

(b) Explain logical and comparison operator with example.

2015

Full Marks : 100

Time : 3 hours

The questions are of equal value

Answer **five** questions including Question 1 which is compulsory

6. What is Active-X control? How can you add Active-X control into VB form? Briefly define its component.

7. (a) What is database? Explain the various methods available in VB to connect to database.

(b) Write the steps to bind list box and combo box with ADODC control.

8. (a) Explain types of error in VB with the help of example.

(b) What is the purpose of list box in VB? Discuss the following properties of list box :

(i) Selected (ii) Cell count

(iii) Multi-select (iv) List index.

9. (a) Explain the concept of DLL with an example.

(b) How will you integrate an application using object linking and embedding?

10. Discuss the following SQL commands :

(a) alter

(b) insert

(c) select

(d) where

(e) views

1. Choose the correct answer/Fill in the blanks/State True or False of the following :

(a) What controls can be placed on VB MDI form?

(i) Timer control

(ii) Command button

(iii) Text box

(iv) Picture box

(b) Which statement is true?

(i) ~~exe~~ can run independently

(ii) dll can run independently

(iii) exe and dll both can run independently

(iv) None of the above

- (c) Which of the following is/are not a valid type(s) of recordset?
 (i) Table type (ii) Dynaset type
 (iii) Dynamic type ~~(iv) Cursor type~~
- (d) What are the objects of ADO ?
 (i) Command (ii) Connection
 (iii) Recordset ~~(iv) Database~~
- (e) When the user click a button — is triggered.
 (i) ~~an event~~ (ii) a method
 (iii) a setting (iv) a property
- (f) Which of the following is a valid name for a variable?
~~(i) Two_One~~ (ii) 2One
 (iii) Two One (iv) Two.One
- (g) On may use an if block within a Select Case block.
~~(i) True~~ (ii) False
- (h) Items in the value list must evaluate to a literal of the same type as the selector.
 (i) ~~True~~ (ii) False
- (i) Different items appearing in the same value list of a Select Case block must be separated by a —
 (i) ~~semicolon~~

- (ii) comma
 (iii) colon
 (iv) pair of quotation marks
- (j) We need separate ODBC drivers for each database type.
 (i) ~~True~~ (ii) False
2. (a) Explain in detail, why Visual Basic is known as event-driven programming language.
 (b) Briefly explain the different data types available in VB with example.
3. (a) What do you understand by methods and events? Explain with example.
 (b) Differentiate between the use of message box and input box in VB. Write a program to enter a name through input box and print it in message box.
4. (a) What do you mean by iteration? Explain three iteration structures of VB with example.
 (b) What is menu? Which type of menu is supported by Visual Basic? Explain with example.
5. (a) Is VB a fully object-oriented programming language? Discuss all the properties.