

[A-53]

SARDAR PATEL UNIVERSITY
POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS (PGDCA)
SEMESTER – II
PGDCA-204 (VISUAL PROGRAMMING)
7TH APRIL, 2016

Time : 10:30 a.m. to 1:30 p.m.

Marks : 70

Note : Answers of all the questions (including multiple choice questions) should be written in the provided answer book only.

Q-1 Pick up the most appropriate answer from the given alternatives and write in your answer book. (8)

- (i) The extension of Visual Basic form file is _____.
[A] .vbp [B] .frm [C] .vbf [D] .vb
- (ii) In Visual Basic, we can create an array of static type or _____ type.
[A] dynamic [B] dim [C] Fixed [D] dyna
- (iii) In VB, the _____ function returns the position in the main string of the substring being searched for.
[A] search() [B] Instr() [C] Mid() [D] None of these
- (iv) Which one of the followings is not a valid property of a TextBox control?
[A] Text [B] MultiLine [C] Alignment [D] interval
- (v) Which ONE of the followings is not a VB's built-in controls?
[A] Label [B] Image [C] Timer [D] LinkButton
- (vi) The _____ control is used display an image.
[A] Image [B] Timer [C] ListBox [D] None of these
- (vii) Consider the following Visual Basic code :
For i = 1 To 5
 MsgBox "Hello"
Next i
When the above code is executed, the message "Hello" will be displayed
[A] 2 times [B] 5 times [C] 4 times [D] 6 times
- (viii) Which one of the following statements is used to terminate the execution of a VB's project?
[A] Stop [B] End [C] Break [D] None of these

Q-2 Attempt the following: (ANY SEVEN)

(14)

- i. What is VB? Why is it used?
- ii. What is variable? List different data types available in VB.
- iii. Explain Dim keyword with an example.
- iv. What is Constant? How can we declare a constant in VB?
- v. Write the full-form of MDI, GUI, OLE and SDI.
- vi. Write only names of any four properties of a HScrollBar control.
- vii. Explain *Len()* function with an example.
- viii. Explain the use of *Option* statement with an example.
- ix. Differentiate : *Image* control and *PictureBox* control

- Q-3 (a)** Write a note on 'Forms in VB'. (6)
(b) Explain **Timer** control and **CommandButton** control. (6)

OR

- (b)** Explain **MsgBox** and **InputBox** functions with an example. (6)
Q-4 (a) Explain **If** statement and **End** statement with an example. (6)
(b) Explain : Arrays in VB. (6)

OR

- (b)** Explain **Select Case** statement with an example. (6)
Q-5 (a) What is Procedure? Explain with an example different types of procedures in VB. (6)
(b) What is String? How can we declare it? Explain **Mid()** and **Ucase()** functions with an example. (6)

OR

- (b)** What is File? List types of file in VB. Explain **Type...End Type** statement with an example. (6)
Q-6 (a) What is ADO? Explain the process of database connectivity in VB. (6)
(b) Explain – 'Debugging facility in VB'. (6)

OR

- (b)** What is Recordset? Why is it used? Write the uses of **MoveFirst**, **MoveLast**, **MoveNext** and **MovePrevious** methods. (6)

X = X = X