[A-22]

SARDAR PATEL UNIVERSITY
Post Graduate Diploma in Computer Application (P.G.D.C.A)
Semester – II External Examinations, April 2018
PS02CDCA24 – Visual Programming
Thursday, 19th April, 2018

Time: 10:00 a.m. to 01:00 p.m.

Max Marks: 70

Q1.   Choose the most appropriate option for each question.   [8]

i.   The appearance of VB control is governed by its _____.
  A)   events   B)   properties
  C)   procedures   D)   none of these

ii.   In a VB project you can have _____ form(s).
  A)   only one   B)   exactly two
  C)   multiple   D)   zero

iii.   To change content of a label control _____ property must be changed.
  A)   name   B)   caption
  C)   text   D)   content

iv.   _____ keyword is used to declare a variable.
  A)   Create   B)   Dim
  C)   Initialize   D)   none of these

v.   _____ method is used to clear all the items in the list box.
  A)   Clear   B)   Drop
  C)   Delete   D)   Destroy

vi.   A menu item can have one underlined letter, which acts as _____.
  A)   Primary Key   B)   Hot Key
  C)   Capital Key   D)   Value Key

vii.   _____ is a control that displays data from table in tabular form.
  A)   Textbox   B)   Label
  C)   DataGrid   D)   PowerGrid

viii.   The full form of RDO is _____.
  A)   Reserved Data Orientation   B)   Remote Data Object
  C)   Referenced Data Output   D)   None of these

Q2. Answer the following questions (Any Seven): [14]
a. Mention any two application of VB.
b. Give any two disadvantages of VB.
c. List any four data types of VB.
d. What is the use of frame in VB?
e. List any two properties of textbox control.
f. What is the use of VAL function in VB? Explain with example.
g. Explain MsgBox () function with syntax and example.
h. Draw the ADO object model.
i. Define terms: (i) Tabledef   (ii) Querydef

Q3. Answer the following questions:
a. What is Visual Basic IDE? Explain different components of VB IDE. [6]
b. Discuss salient features of VB. Also mention advantages of using VB. [6]
OR
b. Write a detailed note on event driven programming. [6]

Q4. Answer the following questions:
a. List and explain types of loop in VB with appropriate examples. [6]
b. Discuss different string handling functions in detail. [6]
OR
b. Explain If statement of VB. Write a VB code snippet to find greater of three numbers using IF statement. [6]

Q5. Answer the following questions:
a. Explain controls: (i) checkbox, (ii) combobox and (iii) optionbuton with appropriate example. [6]
b. How to add menu and sub menu in VB project. Explain with suitable example. [6]
OR
b. Define: Array. How to declare and process an array? Explain passing arrays to procedure.. [6]

Q6. Answer the following questions:
a. Write a note on Data Access Object. [6]
b. What is recordset? List the methods available for the recordset object with a brief description of each. [6]
OR
b. Discuss debugging and error handling of VB in detail. [6]

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