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**BASDPC 354**

**Credit Based Sixth Semester B.A./B.Sc. Degree  
Examination, September 2022  
DATA PROCESSING  
Paper – VII : Fundamentals of Visual Programming  
(Common to all Batches)**

Time : 3 Hours

Max. Marks : 80

**Note** : Answer **any ten** questions form Part – **A** and **any one full** question from **each** Unit of Part – **B**.

PART – A

(10×2=20)

1. a) What is the use of dim statement in VB ?
- b) What is an event procedure ?
- c) Mention logical operators in VB.
- d) How do you declare a fixed length string with a size of 5 characters ?
- e) Evaluate :  
$$10 - 3 * 5 \setminus 2 + 10 \bmod 3$$
- f) What is empty value in VB ?
- g) What is a variant data type ?
- h) Write any two unique properties of combo box.
- i) If today is 10<sup>th</sup> December 2017 and the time is 10:05 P.M., what is the value of Format (Now, "hh:mm AM/PM mm/dd/yy") ?
- j) What is the use of preserve keyword ?
- k) Give importance of DateDiff function with syntax.
- l) State the difference between unload and hide methods of a form.

P.T.O.

**PART – B**

**Note :** Answer **any one full** question from **each** Unit.

**Unit – I**

2. a) Explain the following in VB IDE.
- i) Menu Bar                      ii) Tool Bar                      iii) Properties Window.
- b) Explain different arithmetic operators in VB with example for each.
- c) What is a variable ? Differentiate explicit and implicit variable declaration. **(6+5+4)**
3. a) Explain Integrated Development Environment in VB with a neat diagram.
- b) Explain user defined data types in VB. Give example.
- c) Explain any four numeric data types in VB. **(6+5+4)**

**Unit – II**

4. a) Explain any three string functions with syntax and example.
- b) Explain any two forms of if statement with syntax and example.
- c) Explain Do..loop until with syntax and example. **(6+5+4)**
5. a) Explain any six mathematical functions with example.
- b) What is the advantage of 'select..case' statement over if.. end if statement ?  
Illustrate your answer.
- c) Differentiate do while.. loop and do.. loop while constructs. **(6+5+4)**

**Unit – III**

6. a) Differentiate check box and option button with an example code.
- b) Explain any five unique properties of a list box.
- c) Explain the following :
- i) Picture and autosize properties of a picture box.
  - ii) Multiline and passwordchar properties of a text box. **(6+5+4)**



7. a) Explain the following with respect to combo box: (Give example).
- i) add item
  - ii) sorted
  - iii) list count.
- b) Explain any five unique properties of command button.
- c) Explain any four unique properties of scroll box control. **(6+5+4)**

**Unit – IV**

8. a) Explain the following properties :
- i) interval of Timer control
  - ii) wordwrap of Label
  - iii) enabled of timer.
- b) Explain the purpose of msgbox() function with syntax and example.
- c) Explain the uses of Frame Control. **(6+5+4)**
9. a) List different types of a common dialog boxes. Explain any two.
- b) Write a note on Tooltip control.
- c) Explain the purpose of inputbox() function with a syntax and example. **(6+5+4)**
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