BSCCSC 382

**Choice Based Credit System VI Semester B.Sc. Degree
Examination, September 2022
(2021-2022 Batch Onwards)
COMPUTER SCIENCE
Paper – VIII : Visual Programming**

Time : 3 Hours

Max. Marks : 80

PART – A

1. Answer **any ten** of the following questions : **(10×2=20)**

   a) Mention the four types of applications can be developed in .NET framework.

   b) What is an assembly ? Write its use.

   c) Write the use of With statement with example.

   d) What do you mean by Intellisence ?

   e) Differentiate between sub procedures and function procedures.

   f) Write the purpose of Finally keyword.

   g) Mention four values of FormBorderstyle property.

   h) Write the most commonly used properties of a timer control along with its purpose.

   i) Differentiate between check boxes and radio buttons.

   j) How to add access key to menu items in menustrip control?

   k) What is data adapter? Mention most commonly used method of a data adapter.

   l) Write the use of command object.

P.T.O.

PART – B

Answer **any one** full question from **each** unit.

Unit – I

2. a) What are solutions and projects? Explain the types of projects in .NET.

   b) What are namespaces? Explain any four system namespaces.

   c) Explain different forms of if statement with example. **(5+5+5)**

3. a) Explain the purpose of Public and Private keywords with example.

   b) Explain Select Case statement with syntax and example.

   c) Write a note on .Net Framework and Common Language Runtime. **(5+5+5)**

Unit – II

4. a) What are procedures ? Explain the types of procedures used in VB.NET with example.

   b) What is exception ? Explain structured exception handling with example.

   c) Explain any five commonly used properties of a form. **(5+5+5)**

5. a) Explain any five mouse events.

   b) What is scope of a variable ? Explain the different scopes of a variable in VB.NET.

   c) Explain InputBox() and MsgBox() functions with example. **(5+5+5)**

Unit – III

6. a) Differentiate the following:

   i) Radio button and Check box

   ii) List box and Combo box

   iii) Label and Text box

   iv) Progress bar and Scroll bar

   v) Group box and Panel.

   b) Explain Maximum, Minimum, SmallChange, LargeChange and Value properties of a Scroll bar controls.

   c) Explain commonly used properties and events of a list box. **(5+5+5)**

7. a) Explain the following :

    i) BorderStyle property of a text box

    ii) Autosize property of picture box

    iii) Interval property of a Timer Control

    iv) Text property of a Combo box

    v) Backcolor property of a form.

  b) Explain cut, copy and paste clipboard operations in VB.NET with example.

  c) Explain Multiline, Scrollbar, Wordwrap, Readonly and PasswordChar
properties of a text box.   **(5+5+5)**

Unit – IV

8. a) Explain any five ADO.NET objects.

  b) Explain the ways to use data binding in VB .NET applications.

  c) What is context menu ? How do you create it ?   **(5+6+4)**

9. a) Explain about any two built-in dialog boxes.

  b) What are the different ways of navigating through the data sets ?
Explain.

  c) Write a note on data validation in controls.   **(5+6+4)**

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