Reg. No.

BCACAC 233

Choice Based Credit System Third Semester B.C.A.
Degree Examination, April/May 2022
(2020-21 Batch Onwards)
VISUAL BASIC .NET PROGRAMMING (Group – I)

Time : 3 Hours

Max. Marks : 80

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

PART – A   (10×2=20)

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

    b) What is the use of Option Explicit ?

    c) Differentiate visible and enable properties.

    d) What is SDI and MDI ?

    e) What are the various ways of selecting items from a listbox ?

    f) How do you send keystrokes to other programs ? Give example.

    g) Differentiate Checkboxes and Radio Buttons.

    h) What is the use of with statement ? Give example.

    i) Expand ADO. Why they are used ?

    j) How to create menu access keys and menu shortcuts to menu items ?

    k) Mention four modes of List Views.

    l) How do you handle Timer Events ? Give example.

PART – B
Unit – I

2. a) Write short note on :
    i) The .NET Framework.
    ii) Common Language Runtime.
    iii) The Properties Window.

   b) Explain various data types available in VB .Net.

   c) Explain Select Case statement with syntax and example.   (6+5+4)
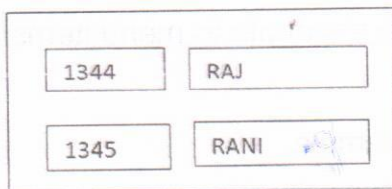
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3. a) Explain the purpose of REDIM and PRESERVE keywords with suitable example.

   b) Differentiate Do... While and Do Until... Loop with their syntax and example.

   c) Explain the keywords Public, Private and Static used in declaring the variables. **(5+5+5)**

Unit – II

4. a) What is the use of Param Array ? Explain with example.

   b) Explain unstructured Exception handling with example.

   c) Explain any three mouse events and two keyboard events. **(4+6+5)**

5. a) Explain any five unique properties of Form.

   b) Explain the use of static variables in a procedure call with suitable example code.

   c) Write a note on MsgBox function. **(5+5+5)**

Unit – III

6. a) How do you perform Cut, Copy and Paste Clipboard operations in VB .Net ? Explain with example.

   b) How do you add bullets and indent text in Rich Text Boxes ? Explain with example.

   c) What is Treeview ? Write the code to create a tree view with 2 sublevels under 2 nodes. **(5+5+5)**

7. a) What is the use of scrollbar ? Explain its four unique properties.

   b) Explain the procedure for adding the text boxes to a panel during runtime as follows.

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   c) Write a note on use of Image list and Status bar. **(5+5+5)**

Unit – IV

8. a) Write a note on Simple Data Binding and Complex Data Binding.

   b) Explain any five objects of ADO.NET.

   c) Explain with example how to create data columns and rows in code. **(5+5+5)**

9. a) Write a note on Print Preview and Page Setup Dialogs.

   b) How to write and read dataset using XML ? Explain with code example.

   c) What are the various ways of navigating through the dataset ? Explain. **(5+5+5)**