19U327S (Pages: 2) Name: …………………….

Reg. No…………….....…

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2020
(CUCBCSS - UG)
CC15U BCS3 B05 - VISUAL PROGRAMMING USING VB.NET
(Computer Science – Core Course)
(2015, 2016 Admissions - Supplementary)

Time: Three Hours   Maximum: 80 Marks

PART A
Answer *all* questions. Each question carries 1 mark.

1. ---------------- function will convert strings to upper case.

2. ---------------- keyword is used to preserve the data in an existing array when you change the size of the last dimension.

3. What is the use of Val keyword?

4. What are the String concatenation operators?

5. ---------------- property of textbox is used to set a textbox *non editable.*

6. Write the syntax of *if* ---------------- *else* statement.

7. ---------------- is used to pass a copy of variable to procedure.

8. We can use a data adapter's ---------------- method to fill a dataset.

9. The .NET framework's MessageBox classes---------------- method to display message boxes.

10. Exceptions are just ---------------- errors.

(10 x 1 = 10 Marks)

PART B
Answer *all* questions. Each question carries 2 marks.

11. What is an object?

12. Define array with syntax and example.

13. What is a ComboBox? Explain its properties.

14. Differentiate MDI and SDI.

15. Explain the advantages of VB.NET.

(5 x 2 = 10 Marks)

PART C
Answer any *five* questions. Each question carries 4 marks.

16. Explain the concept of event driven programming.

17. Explain functions with suitable example.

18. What is meant by form? Explain.

19. Explain ADO.NET objects.

20. What is an operator? Explain different types of operator?

21. Explain Mouse and Keyboard events.

22. How can we select multiple items in a listbox?

23. How to create constructors in VB.NET? Explain.

(5 x 4 = 20 Marks)

PART D
Answer any *five* questions. Each question carries 8 marks.

24. What is a string? Discuss the various string functions?

25. Write a note on MsgBox and InputBox.

26. Discuss about the common controls.

27. What is VB IDE? Explain the different components of VB IDE.

28. Explain control statements with example.

29. What is an object oriented programming? Discuss the creation and usage of classes and objects.

30. Discuss the .Net Framework and Common Language Runtime. How will you build a VB.NET application? Explain with a suitable example.

31. Write a note on Data access with ADO.NET with suitable example.

(5 x 8 = 40 Marks)

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