18U327 (Pages: 2) Name: …………………….

Reg. No………..………….

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2019
(CUCBCSS-UG)
CC15U BCS3 B05 - VISUAL PROGRAMMING USING VB.NET
(Computer Science – Core Course)
(2015 & 2016 Admissions - Supplementary)

Time: Three Hour   Maximum: 80 Marks

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

1. IDE stands for ……………

2. How will you declare an array?

3. …………… buttons provide mutually exclusive selection.

4. Data type that accepts only True/False values is ……………

5. What is the default modifier for function procedures?

6. Instance of a class is known as ……………

7. Exceptions are just …………… errors.

8. What is OLE?

9. …………… is used to communicate between a data source and data set.

10. How do you delete a record from a data set?

(10 × 1 = 10 Mark)

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

11. What is event driven programming?

12. Differentiate between function and procedure.

13. What are the different selection events in combo box?

14. Explain on Error Go To.

15. Write the code segment to create a new data connection.

(5 × 2 = 10 Mark)

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

16. Write notes on (a) CLR. (b) FCL

17. Differentiate between SELECT CASE and CHOOSE.

18. Explain the string handling functions used in VB.net

19. What is the use of check box and radio button? Explain with an example.

20. What is a menu editor? Explain.

21. Write a program to accept the details of a student and display the same using class.

22. What is meant by connected and disconnected architecture in ADO.net?

23. What is data binding? How is it performed?

(5 × 4 = 20 Marks)

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

24. Write an essay on .NET framework.

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

26. Discuss about the different data types used in VB.net

27. What are the different control statements? Explain any four in detail.

28. Describe array declaration and manipulation in detail.

29. Write notes on

    (a) SDI and MDI forms   (b) Meggage Box and Input Box

30. Explain exception handling. Write a program to demonstrate handling division by zero exception.

31. Design an application that stores the details of an employee (EMP_ID, EMP_NAME, EMP STATUS) in a table TBL_EMPLOYEE and display the details in a datagrid.

(5 × 8 = 40 Marks)

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