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Reg. No.

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IV Semester B.C.A. Degree Examination, August/September - 2023

COMPUTER APPLICATION

Visual Programming .Net

(CBCS Scheme)

Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates:

Answer all sections.

SECTION - AAnswer any **Ten** questions. Each question carries **Two** marks.

(10×2=20)

1. What is visual studio IDE? What types of applications developed using this IDE?
2. What is garbage collection in .NET?
3. How would you find out the properties of the form class?
4. Write the syntax : for loop and foreach loop.
5. Write any 4 basic differences between functions and subprocedures in VB.NET?
6. Define Timer in VB.NET.
7. What are LTrim() and RTrim ()? Give an example.
8. Define : message box and Input Box.
9. What is the use of stream reader, stream writer and file stream?
10. Define Dim and ReDim.
11. What is RichTextbox? Compare it with textbox.
12. What is the multiline and readonly properties of textbox?

**SECTION - B**Answer any **Five** questions. Each question carries **Ten** marks.

(5×10=50)

13. Explain various components of visual studio IDE.
14. a) What are the different types of data types available in VB.Net? Explain.
b) Explain type conversion with an example.

(5+5)

[P.T.O.]



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15. a) Explain Radiobutton and picturebox with an example.
b) Explain switch concept with an example. (5+5)
16. Explain with an example string and mathematical functions.
17. a) Write a program to perform currency conversion using a window application.
b) Write a note on ODBC connectivity. (5+5)
18. a) Explain a timer concept by designing the form where text will be moved from left to right.
b) Write a note on dialog box controls. (5+5)
19. Explain data validation with an example program. [Consider Registration form] in VB.Net.
20. a) Design and write code for building a web application to read student name, register number and marks.
b) Write a note on crystal reports. (5+5)
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