

Date:

Registration number:

ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27

BSc Computer Science - IV SEMESTER

SEMESTER EXAMINATION: APRIL 2022

(Examination conducted in July 2022)

**CS 418 - .Net Technologies**

Time- 1 ½ hrs Max Marks-35

This question paper contains 1 printed page and two parts

**Part A**

**Answer all the following questions (5\*2=10)**

1. Define .NET framework.
2. Differentiate between Managed Code and Unmanaged code?
3. Mention two properties of progress bar in .NET framework?
4. What is an Event? Mention Event associated with timer.
5. What is the difference between ADO and ADO .NET?

**Part B**

**Answer any 5 questions. Each question carries 5 marks each. (5\*5=25)**

6. Illustrate the properties of the following controls using suitable example:

a) Radio button

b) Text Box **(2.5+2.5)**

7. Explain in detail components of the Integrated Development Environment.

8. Write the syntax for the following:

a) To find the square root of a number.

b) To randomly change the background colour of a form.

c) To transfer content from one form to another form for a TextBox.

d) to accept an integer value using InputBox

e) To add an element from ListBox to ComboBox

9. Explain the usage of MessageBox with its parameters and an example.

10. Write a Program to differentiate between Call by reference and call by value using functions in a VB .NET framework.

11. Explain the scope of variables in a VB .NET framework.