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| **ST. JOSEPH’S COLLEGE (AUTONOMOUS), BANGALORE-27** | | | | | | |
| **B.Sc– IVSEMESTER** | | | | | | |
| **SEMESTER EXAMINATION : APRIL 2019** | | | | | | |
| **CS415- VISUAL PROGRAMMING**  Register Number:  **Date:25-04-2019** | | | | | | |
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| **Time- 1 ½ hrs** | |  | **Max Marks-35** | | |
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| PART A  Answer all of the following (3\*5=15) | | | | | | | |

1. Explain the usage of project, objects and controls in visual programming
2. What is a static variable? How do you declare a static variable?
3. What is the use of the Try…Catch block? Explain with suitable example?
4. What is a function ? Write down the syntax of a function and explain with suitable example
5. What is a Data control? What are the different types of data control?

PART B

Answer any four of the following (5\*4=20)

1. What do you mean by scope of variable? Explain the different levels of scope of a variable with suitable examples.
2. Explain the usage of the following controls with syntax (2+3)
3. Option button
4. Input box
5. Give the syntax of the following (1\*5=5)
6. To reverse the string`
7. To find square root of a number
8. To change the font of a textbox at runtime.
9. To delete the element from the combobox based on index position.
10. To create generate random background color to form
11. Explain the usage ofmessageBox with all its variations of buttons and icons.
12. Write a program to differentiate call by value and call by reference using function.
13. Write a program to add, delete and search data using ADO Data control.

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