# SRINIVAS UNIVERSITY

## Third Semester M.C.A. Examination, January 2018

### DOT NET FRAMEWORK AND C#

Time: 2 Hours

Max. Marks: 50

### SECTION-A                    (5x1=5)
### (Compulsory)

Note: Answer ALL questions. Each question carries ONE mark.

1. a) Which data type can hold value of any type?
   b) Which keyword is used to prevent a class being further sub classed?
   c) Which concept of C# is used to support multiple inheritance?
   d) Which compiler compiles the MSIL code into a native code?
   e) How to access the length of an array?

### SECTION-B                    (5x7=35)

Note: Answer any 5 questions. Each question carries SEVEN marks.

2. Explain the architecture of .NET framework
3. With example explain the structure of C# main function?
4. What are different ways to represent strings in C#? Explain with example
5. Explain different modifiers that can be specified for C# method
6. Explain exception handling in C#
7. What is delegate? With example explain how to declare, instantiate and use delegates in C#

### SECTION-C                    (1x10=10)
### (Compulsory)

8. Write C# program to implement banking transactions using properties. Write steps to compile and execute above program.

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