

**S.Y. B. SC. (COMPUTER SCIENCE) SEM –III (CBCS - 2016  
COURSE) : SUMMER - 2018  
SUBJECT : INTRODUCTION TO .NET USING C#**

Day : **Tuesday**  
Date : **17/04/2018**

**S-2018-0811**

Time : **03.00 PM TO 06.00 PM**  
Max. Marks : 60

**N. B. :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labeled diagram **WHEREVER** necessary.

**Q.1** Answer **ANY TWO** of the following: [12]

- a) What is overriding? Explain overriding with an example.
- b) Describe different events in C# languages.
- c) Write a note on exception handling.

**Q.2** Answer **ANY TWO** of the following: [12]

- a) Define interface. Explain interface with proper example.
- b) Describe properties of status bar and progress bar with proper example.
- c) Write a C# program to check given number is prime or not.

**Q.3** Answer **ANY TWO** of the following: [12]

- a) Describe methods of string class used in C#.
- b) Illustrate the different components of .Net framework.
- c) Explain types of if statements with proper examples.

**Q.4** Answer **ANY THREE** of the following: [12]

- a) Explain following controls with their properties.
  - i) Text Box
  - ii) Label
  - iii) Button
- b) Write a note on FileStream classes.
- c) Explain structures and enumerators.
- d) Describe Built in Dialogs boxes with proper examples.

**Q.5** Answer **ANY FOUR** of the following: [12]

- a) What is inheritance? Explain types of inheritance.
- b) Write a C# program which display students details:  
Roll No., Name and Class using Class and object concept.
- c) Explain various features of C#.
- d) Explain types of arrays.
- e) Compare between ListBox and ComboBox.
- f) Write different types of assemblies.

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