

**S.Y.B.SC. (COMPUTER SCIENCE) SEM –III (2014 COURSE) :
SUMMER - 2018**

SUBJECT : INTRODUCING TO .NET USING C#

Day : Friday
Date : 13/04/2018

Time : 12.00 NOON TO 02.00 PM
Max. Marks : 40

S-2018-0844

N.B.:

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

Q.1 Attempt **ANY TWO** of the following: **[10]**

- a) Illustrate the types of arrays with example.
- b) Write a C# program to check given number is prime or not.
- c) Explain .Net Framework with suitable diagram.

Q.2 Attempt **ANY TWO** of the following: **[10]**

- a) Illustrate the Access modifiers with example.
- b) Explain FileStream class with example.
- c) Describe inheritance used in C# with proper example.

Q.3 Attempt **ANY TWO** of the following: **[10]**

- a) Write a note on event and delegates.
- b) Explain the following windows form controls:
i) Status Bar ii) Progress Bar
- c) Write a C# program to display grade according marks.

Q.4 Attempt **ANY FIVE** of the following: **[10]**

- a) What is a Global Assembly Cache?
- b) Define class and object.
- c) State the purpose of Radio Button.
- d) Give the types of operator.
- e) Write the block of exception handling.
- f) Write use of constructor.
- g) What is assemblies?

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