

S.Y. B. SC. (COMPUTER SCIENCE) SEM -III (2014 COURSE)
: WINTER - 2017

SUBJECT : INTRODUCING TO .NET USING C#

Day : Thursday
Date : 26/10/2017

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

W-2017-0744

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) Write a C# program using windows application for following output:

Enter First Value	<input style="width: 100%;" type="text"/>
Enter Second Value	<input style="width: 100%;" type="text"/>
Answer	<input style="width: 100%;" type="text"/>
<input style="width: 30px; height: 20px;" type="button" value="+"/> <input style="width: 30px; height: 20px;" type="button" value="-"/> <input style="width: 30px; height: 20px;" type="button" value="*"/> <input style="width: 30px; height: 20px;" type="button" value="/"/>	
<input style="width: 60px; height: 20px;" type="button" value="clear"/>	

- b) Explain constructor with suitable example.
c) Describe different data type used in C#.

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

- a) Describe user defined exception with suitable example.
- b) Write a C# program to reverse the given number.
- c) Explain the following windows form controls:
i) List box ii) Picture box iii) Timer

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

- a) Describe Common Language Runtime (CLR) and Common Language Specification (CLS) in detail.
- b) Explain interface with suitable example.
- c) Illustrate BinaryReader and BinaryWriter classes with example.

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

- a) What is overriding?
- b) Define manifest and metadata.
- c) Write a switch statement.
- d) Give the methods of string class.
- e) Define class and object.
- f) What is a polymorphism?
- g) Give any four names of event.

* * * *