

BACHELOR OF COMPUTER APPLICATIONS (C.B.C.S.) (2014 COURSE)
B.C.A. Sem-V : WINTER- 2022
SUBJECT : C# PROGRAMMING

Day : Friday

Time : 10:00 AM-01:00 PM

Date : 23-12-2022

W-11052-2022

Max. Marks : 100

N.B.

- 1) Attempt **ANY FOUR** questions from Section – I and **ANY TWO** questions from Section – II.
 - 2) Figures to the **RIGHT** indicate **FULL** marks.
 - 3) Both the sections should be written in **SAME** answerbook.
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SECTION – I

- Q.1** What is Generic Class? Write programming features of C#. (15)
- Q.2** Define Abstraction. Write a C# program to implement abstract class. (15)
- Q.3** Explain the concept of object initializer with example. (15)
- Q.4** What is Sealed Class? Explain with example. (15)
- Q.5** Write in detail the concept of extending interface. (15)
- Q.6** Write short notes on **ANY THREE** of the following: (15)
- a) 'this' Reference
 - b) C# Constants
 - c) LINQ
 - d) Static Constructor

SECTION – II

- Q.7** What is Exception Handling? Write C# programs to implement (20)
DivideByZeroException and IndexOutOfRangeException.
- Q.8** What is Partial Class? Write a C# program to implement partial class and partial (20)
methods.
- Q.9** Write decision making statements in C# with example. (20)

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