



32525/E 250

Reg. No.

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V Semester B.C.A. 3 Degree Examination, Nov./Dec. 2018

(Regular and Repeaters)

.NET FRAMEWORK USING C#

Theory

Time : 3 Hours

Max. Marks :80

Instruction : All Parts are compulsory.

PART – A

1. Answer **any ten** of the following . (10×2=20)
- Expand CLR and CTS.
 - What are the advantages of using .NET ?
 - What is sealed class ?
 - Define Bugs and errors.
 - What is the use of finally block ?
 - Define exception. Give example.
 - Define interface. Write its syntax.
 - Define multicast delegate.
 - What is .NET assembly ?
 - Mention any two members of FileInfo class.
 - Write the syntax of for each loop.
 - Mention any four data types in C#.

PART – B

- Answer **any four** of the following. (4×5=20)
- Explain various features of .NET Framework.
 - Explain different methods of file system GC type.
 - Write a program to demonstrate exception handling.
 - Explain how interfaces are defined and implemented.
 - Write a C# program to find second largest element in a single dimensional array.
 - Explain single file and multi file assemblies.

PART – C

- Answer **any four** of the following. (4×10=40)
- What is .NET Framework ? Explain building blocks of .NET Platform.
 - Discuss the pillars of OOP.
 10. a) How to document C# source code via XML ? Explain with an example.
b) Write a C# program to demonstrate the use of delegates. (5+5)
 11. a) Differentiate between system level and application level exception.
b) Write a C# program to reverse a string and check whether it is palindrome. (5+5)
 12. a) Explain stringWriters and StringReaders Classes.
b) Write a program to demonstrate the use of in, out and ref. variables. (4+6)