



22525/E 250

Reg. No.

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V Semester B.C.A.2 Degree Examination, November 2015

(Regular & Repeaters)

.NET FRAME WORK USING C#

Time : 3 Hours]

[Max. Marks : 80

Instructions : 1) *All questions are Compulsory.*

2) *Draw neat diagrams wherever necessary.*

SECTION – A

Answer **any ten** of the following questions :

(10 × 2 = 20)

1. What is C#?
2. What are the advantages of using .NET?
3. What is an interface class?
4. Write any two key members of System. String Data type.
5. What is difference between constants and read - only?
6. Write down the C# Syntax to catch exception?
7. What are delegates?
8. How to use null able types in .NET?
9. What are the Modifiers in C#?
10. What is Jagged Allays?
11. Why is the Virtual key word used in code?
12. Define Containment and delegation.



SECTION – B

Answer **any six** questions of the following :

(6 × 5 = 30)

13. Explain the different methods of file System GC type.
14. Using try, catch and finally block, write a Program in C# to demonstrate error handling.
15. What is the difference between class and an interface?
16. What is an assembly? Explain different types of assemblies.
17. Explain the following members of exception class.
 - (a) Help Link
 - (b) Target Site
 - (c) Stack Trace
 - (d) Data Property
18. How to process multiple catch blocks? Explain with an example.
19. Write a note on System - level and application level exception.
20. What is boxing and unboxing? Explain with an example.

SECTION – C

Answer **any three** questions of the following :

(3 × 10 = 30)

21. Explain Various Pillars of OOP.
22.
 - (a) What is Method overloading and Method overriding? **(5 + 5)**
 - (b) Describe the main advantages of C# events.
23.
 - (a) How to document C# Source code Via XML? Explain with an example. **(5 + 5)**
 - (b) Write System 10 name space key members.
24.
 - (a) How do you define throwing Generic exception? **(5 + 5)**
 - (b) Write a C# Program to find largest element in a Single dimension array.
25. Explain Shared assemblies and private assemblies in detail with example.