



**K21U 4677**

**Reg. No. : .....**

**Name : .....**

**V Semester B.C.A. Degree CBCSS (OBE) Regular Examination, November 2021  
(2019 Admn. Only)**

**Core Course**

**5B16BCA-E03 : C# AND .NET PROGRAMMING**

**Time : 3 Hours**

**Max. Marks : 40**

**PART – A  
(Short Answer)**

**Answer all questions.**

**(6×1=6)**

1. CLR Stands for
2. What is the use of CTS ?
3. Explain objects.
4. What is meta data ?
5. Explain arrays.
6. What do you mean by remoting ?

**PART – B  
(Short Essay)**

**Answer any 6 questions.**

**(6×2=12)**

7. Explain data types in C#.
8. Explain Delegates in C#.
9. What do you mean by Marshalling ?
10. Explain polymorphism.
11. What is Command Line Arguments ?
12. Explain expressions in C#.
13. Explain Literals in C#.
14. Explain various components of .NET platform.

**P.T.O.**





**PART – C**  
**(Essay)**

Answer **any 4** questions.

**(4×3=12)**

15. Explain operator overloading with an example.
16. Explain web form life cycle.
17. Discuss the evolution of C#.
18. Explain boxing and unboxing in C#.
19. Explain the branching statements in C#.
20. How can you create a Windows Application ?

**PART – D**  
**(Long Essay)**

Answer **any 2** questions.

**(2×5=10)**

21. Discuss Multithreading.
  22. Explain looping statements in C# with example.
  23. Explain inheritance with examples.
  24. Explain the errors and exceptions in C#.
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