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**Question Paper Code: 49209**

B.E. / B.Tech. DEGREE EXAMINATION, AUGUST 2021

Elective

Computer Science and Engineering

14UCS909 - C# and .NET FRAMEWORK

(Regulation 2014)

Duration: 1:45 hour

Maximum: 50 Marks

PART A - (10 x 2 = 20 Marks)

**(Answer any ten of the following questions)**

1. What are the different applications of C#??
2. What is the significance of MSIL?
3. List the operators that cannot be overloaded.
4. What is method overloading?
5. Give the code segment to fill dataset.
6. Define data adapter.
7. Describe the procedure involved with database connectivity.
8. What are the advantages of using server controls over HTML controls?
9. Distinguish between marshal by value and marshal by reference.
10. Define Remoting in .Net Framework.
11. What are the different applications of C#??
12. What is the significance of MSIL?

13. List the operators that cannot be overloaded.
14. What is method overloading?
15. Give the code segment to fill dataset.

PART – B (3 x 10= 30 Marks)

**(Answer any three of the following questions)**

16. Explain in detail about Operators in C# programming language with suitable example. (10)
17. Briefly describe the exception handling mechanisms in C# with proper example program. (10)
18. Write a database application to display the details of employee table details in a data grid control using ADO.NET. (10)
19. How to create XML File? Explain it with example. (10)
20. Develop a program to create threads for the functions of printing multiple of 5 upto 10000 and even numbers in descending order in the range 1-10000. (10)