SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
DEEMED UNIVERSITY

Course: B.E./B.Tech.   Semester: V
Title of the paper: C# and .NET   Max. Marks: 80
Sub. Code: 11602/12606 (2002/2003)   Time: 3 Hours

PART – A   (10 x 2 = 20)
Answer ALL the Questions

1. What is interface? How it is defined in C#?
2. What is Namespace? List out the Namespaces of .NET Framework.
3. What is the use of property?Explain its syntax.
4. Explain the difference between Narrowing Conversion and Widening Conversion.
5. How to add images to toolbar buttons?
6. What do you mean by tool tip?
7. What is pop up menu? How it is created in C#?
8. Write a C# program to create a simple Form.
9. What is the difference between the methods GET and POST?
10. Explain the syntax for creating DataRelations in C#.

PART – B   (5 x 12 = 60)
Answer ALL the Questions

11. Explain the building blocks of .NET platform.
(or)
12. Write short notes on the following:

       (a)Structure
       (b)Enumeration

13. Explain in detail about Inheritance?
(or)

14. What is operator overloading? Give the syntax of an operator method. Explain in detail about Comparison Operator overloading.

15. What is ToolBar? How to create toolbar in C#? Explain with example How to add images to ToolBar.

(or)

16. What is status bar? Explain with example How to create Status Bar in C#.

17. Explain in detail about Character Streams

(or)

18. What is dialog box? What are the different types of dialog box? Write the program for creating dialog boxes.

19. How to create Web Applications in C#.Write a program to create a simple web application using C# and Explain.

(or)

20. Write Short notes on the Following:
    (a) DataSet   (4)
    (b) DataView   (4)
    (c) Data Column (4)