

SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act, 1956)

Course & Branch: B.E – CSE

Title of the paper: C# And .NET

Semester: V

Sub.Code: 511502

Date: 28-04-2008

Max. Marks: 80

Time: 3 Hours

Session: AN

PART – A

(10 x 2 = 20)

Answer All the Questions

1. Write any 2 advantages of .NET over other languages.
2. Define class.
3. What is the use of garbage collector in C#?
4. What is meant by delegates?
5. What are the three different interface styles of a form?
6. List out any two applications of forms?
7. What is a track bar? Mention any two uses.
8. What is the purpose of tool tip?
9. Give an example for the SQL Execute Non Query statement.
10. Explain Get and Post methods in brief.

PART – B

(5 x 12 = 60)

Answer All the Questions

11. (a) Write a brief note on metadata.
(b) Briefly explain namespaces in .NET with an example.
(or)
12. (a) Write a C# program to search for substrings in the given string.
(b) Explain enumerations and structures in C# with suitable examples.
13. Write a C# program which overloads any 2 binary operators.
(or)
14. Discuss user defined exception classes with example.
15. Briefly explain the steps involved in laying out a form.
(or)
16. Discuss the following in brief. (Each carries 3 marks)
 - (a) Component class
 - (b) Container control
 - (c) Status bar
 - (d) System registry
17. Write a program to create the following in a form. (Each carries 3 Marks)
 - (a) Text box
 - (b) Check box
 - (c) Group box
 - (d) List box
(or)
18. Explain any two folder operations with suitable examples.
19. Discuss client side scripting in detail.
(or)
20. How date can be accessed with c# and ADO.NET.

