CA510T - PROGRAMMING USING MICROSOFT TECH. (ASP .NET USING C#)

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UNIT I

1. What is a .Net framework? List down the advantages and limitations of .Net framework.
2. What is the Microsoft Intermediate language?
3. Explain how the CLR works?
4. Enumerate the major services provided by the CLR?
5. Write a note on CTS?
6. What is managed code?
7. What is the Common Language Specification?
8. List out the benefits of .Net approach.
9. Discuss JIT
10. List some of the important services the framework base classes can offer to the users.

UNIT II

11. What is a variable? How it is declared?
12. How do the value types differ from reference types in terms of the storage?
13. State the rules that govern the naming of variables?
14. What does a declaration of a variable accomplish?
15. Why do need to use constants in a program?
16. Explain data types in c#.
17. Write a note namespace in C#

18. What is an array?
19. How will you create an array?
20. What are the two ways to initialize an array of three values?
21. What is an interface?
22. What are the differences between a class and an interface?
23. Describe various forms of implementing interfaces. Give example of C# code for each case.
24. Distinguish between abstract class and an interface.
25. What is a delegate? What is it used for?
26. Enumerate the steps involved in creating and using a delegate.
27. Discuss the syntax of a delegate declaration.
28. What is a delegate method?
29. How do we invoke a method in c#.
30. What is nesting of methods? Give example of typical use of method nesting.
31. What are value parameters? When do we use them?
32. What are reference parameters? When do we use them?
33. What are output parameters?
34. What are parameter arrays?
35. What is method overloading?
36. Distinguish between ref and out parameters.

UNIT III

37. State the ways of development of website in ASP.NET.
38. Distinguish between ASP and ASP.NET? Briefly and explain.
39. Difference between code behind and aspx file?
40. Explain about an ASP.NET application? Explain.
41. How to create dynamic pages in ASP.NET.
42. Explain about text box control in ASP.NET.
43. Explain about the architecture of ASP.NET.
44. How to build an ASP.NET application? Explain.
45. Why ASP.NET is needed?
46. Write a program to create a class for savings bank account with necessary data members. Implement member functions for deposit and withdrawal operations.

UNIT IV

47. Explain AdRotator Control with example.
58. a) Explain text box control.
    b) Discuss timer control in detail.
49. Explain about web controls with example.
50. Explain about validation server controls
51. Explain the properties, methods and events in webcontrol base class.
52. What is the difference between check box and radio button control? What are the common attributes associated with these controls?

UNIT V

53. Explain in detail about Crystal Report Viewer control.
54. Write the steps required for establishing database connectivity using ADO.NET.
55. Design an employee pay bill project using ADO .NET to access the data from server.
56. List and Explain ADO .NET objects.
57. List all the steps in order, to access a database through ADO.NET.
58. List and explain about the components of ADO.NET.
59. What are the advantages of ADO.NET?
60. Explain ADO.NET object model with help of suitable diagram.
61. Write in detail about Crystal Report.
62. By using ADO.Net Concepts, write database application.