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Question Paper Code : 57228

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2016

Sixth Semester

Computer Science and Engineering

CS 6001 – C# AND NET PROGRAMMING

(Common to Information Technology)

(Regulations 2013)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

PART – A (10 × 2 = 20 Marks)

1. What is dynamic data type in C# ?
2. Write short note on String Literal in C#.
3. What is operator overloading ?
4. What is abstract class ?
5. What is SDI and MDI application ?
6. Write short note on Typed Dataset.
7. What is ASP.NET ?
8. Write short note on web.config
9. What are private and shared assemblies ?
10. What are claims ? Why it is used ?

PART – B (5 × 16 = 80 Marks)

11. (a) (i) What is Array ? Discuss Array Class with suitable example. (8)
(ii) Discuss the various data types in C#. (8)

OR

- (b) (i) Write a C# program to computer integer power of 2. (8)
(ii) Write a C# program to find the factorial of given 'n' number. (8)

12. (a) (i) Explain the usage of For.. Each loop with an example in C#. (8)
(ii) Discuss the method overloading with an example. (8)

OR

- (b) What is Indexers ? Indexers can be overloaded justify your statement with an example. (16)

13. (a) How to create a windows forms ? Discuss various forms events and controls with example. (16)

OR

- (b) Discuss the following ADO.NET features :
(i) Using DataBase Connection (8)
(ii) DataSet (or) Record Set Commands. (8)

14. (a) What is session management in ASP.NET ? Write session management technique in detail. (16)

OR

- (b) Configure forms authentication by starting the ASP.NET configuration tool from within Visual Studio and create simple web service application. (16)

15. (a) How to creating and loading assemblies dynamically with code explain. (16)

OR

- (b) Discuss the Authentication and Authorization Security feature in .NET. (16)