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**Question Paper Code : 71360**

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2015.

Seventh Semester

Computer Science and Engineering

CS 2041/CS 706/10144 CSE 42 — C# and .NET FRAMEWORK

(Common to Information Technology)

(Regulation 2008/2010)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Compare array with structure.
2. List the different types of I/O commands in C#.
3. What is inheritance?
4. Define : Polymorphism.
5. What do you mean by synchronization?
6. What is a thread?
7. What is data binding?
8. How does ADO.NET support security?
9. List some web services.
10. What do you meant by remoting?

PART B — (5 × 16 = 80 marks)

11. (a) Explain the basic elements of C# in detail. (16)

Or

- (b) Explain the different types of expressions and operators in detail. (16)

12. (a) Explain about concepts of operator overloading in detail. (16)

Or

(b) Discuss about :

(i) Indexes.

(ii) Delegates. (8+8)

13. (a) Explain about C# concepts for creating data structures in detail. (16)

Or

(b) Discuss about :

(i) Multitasking.

(ii) Multithreading. (8+8)

14. (a) Discuss about the techniques for reading and writing XML data. (16)

Or

(b) Explain about ADO.NET architecture in detail. (16)

15. (a) Explain about .NET coding design guidelines in detail. (16)

Or

(b) Discuss about :

(i) WSDL.

(ii) SOAP. (8+8)