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Question Paper Code : 21360

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2015.

Seventh Semester

Computer Science And Engineering

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

(Common to Information Technology)

(Regulations 2008/2010)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. List the essential features of good abstraction.
2. Write the advantages of Encapsulation.
3. Define Namespace.
4. What is meant by Interface?
5. Write short notes on C# concepts.
6. What is meant Synchronization?
7. Define XPath.
8. Explain the Read XML Method.
9. Define Assemblies.
10. Write short notes on Web Service.

PART B — (5 × 16 = 80 marks)

11. (a) (i) Explain the Object oriented Programming Concepts in detail. (8)
(ii) Briefly explain the Framework and Overview of .NET. (8)

Or

- (b) (i) Describe in detail about the Input and Output Operations in C#. (8)
(ii) Discuss in detail about the Expressions. (8)

12. (a) (i) Explain the Overloading Operations in detail. (8)
(ii) Write a brief note on Property. (8)

Or

- (b) (i) List the difference between Operator and Method Overloading. (8)
(ii) Explain the Subscribe Design Patterns in detail. (8)
13. (a) (i) How to Create the Data Structures with C# concept? Explain. (8)
(ii) Explain the Stream Oriented Operations. (8)

Or

- (b) (i) Explain the File Management System in detail. (8)
(ii) Briefly explain the Multitasking methods. (8)
14. (a) (i) Write about the Reading and Writing Techniques in XML Data. (8)
(ii) Explain the ADO.NET Architecture. (8)

Or

- (b) (i) Discuss in detail about the ADO.NET Disconnected Models. (8)
(ii) Describe the Complex Data Binding. (8)
15. (a) (i) Explain the Remoting Procedures in detail. (8)
(ii) Write a brief note on Application Development. (8)

Or

- (b) (i) Explain the Simple Object Access Protocol in detail. (8)
(ii) Briefly explain the Web Service Performance. (8)