

MANIPAL UNIVERSITY**FIRST SEMESTER MSc. INFORMATION SCIENCE
DEGREE EXAMINATION – NOVEMBER 2015****SUBJECT: MIS 505 – DOT NET TECHNOLOGIES**

Friday, November 20, 2015

Time: 10:00 – 13:00 Hrs.

Max. Marks: 100

1. What is Common Intermediate Language (CIL or MSIL)? What is managed code and managed data? Explain.
(10 marks)
2. Define CLR, CTS, CLS and base class libraries. With sketch explain their relationships.
(10 marks)
3. Explain control statements available in C# with one example each.
(10 marks)
4. Explain with example namespace in .NET. With example show how we can resolve name clashes in namespaces.
(10 marks)
5. **Write a short note on:**
 - 5A. Virtual
 - 5B. Override
(5+5 = 10 marks)
6. What is inheritance? Explain it with an example in C#.br/>(10 marks)
7. What are class properties in C#? Explain with an example.
(10 marks)
8. **Write short notes on:**
 - 8A. Delegate
 - 8B. Events
(5+5 = 10 marks)
9. What is Exception Handling and why do we need it? Mention few exception properties.
(10 marks)
10. Write short note on Connected and disconnected layer of ADO.Net.
(10 marks)

