MANIPAL UNIVERSITY
SCHOOL OF INFORMATION SCIENCES

SECOND SEMESTER MASTER OF ENGINEERING - **ME** (MEDICAL SOFTWARE)
DEGREE EXAMINATION – APRIL / MAY 2016

SUBJECT: MMS 612 - DOT NET TECHNOLOGIES

Monday, May 2, 2016

Time: 10.00 – 13.00 Hrs.   Max. Marks: 100

1. Define CLR, CTS, CLS and base class libraries. With sketch explain their relationships.
   (10 marks)

2. Explain with sketch .NET assemblies.
   (10 marks)

3. Explain with an example constructors in C#. With an example explain static constructor and calling a constructor form another constructor.
   (10 marks)

4. Write short notes on Methods also explain the concept of method overloading in C#.
   (10 marks)

5. Explain Class properties with an example.
   (10 marks)

6. Write short notes on
   a. Compile time polymorphism
   b. Run time polymorphism.
   (5+5=10 marks)

7. Write short notes on:
   a. delegate
   b. events
   (5+5=10 marks)

8. Explain namespace in .NET. With example show we can resolve name clashes in namespaces.
   (10 marks)

9. Write short note on Connected and disconnected layer of ADO.Net.
   (10 marks)

10. Illustrate the difference between two different types of ASP.NET Web page code model (Single-file page model and Code-behind Page model).
   (10 marks)

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