FACULTY OF ENGINEERING

B. E. 4/4 (CSE) I-Semester (New) (Main) Examination, November / December 2009

Subject : **Middleware Technologies** (Elective – I)

Time : 3 Hours

Max. Marks: 75

Note: Answer all questions of Part-A and any **Five** questions from Part-B.

Part – A (25 Marks)

1.	Differentiate between general middleware and service specific middleware.	3
2.	What is WSDL?	2
3.	Give software architecture of EJB?	2
4.	Define three types of enterprise beans.	3
5.	What is the difference between ejb create( ) and ejb postcreate( ) methods?	2
6.	What are the services provided by EJB container?	3
7.	What is the role of interface in CORBA?	2
8.	What are the similarities and differences between RMI and CORBA?	3
9.	List similarities between COM and CORBA?	3
10.	What is assembly in .NET framework?	2

Part – B (50 Marks)

11.	Compare and contrast WSDL and REST?	10
12.	Explain the high-level view of an EJB conversation.	10
13.	What is session bean? Explain different types of EJB clients with an Example?	10
14.	Write the IDL program for "Hellor World" program.	10
15.	Explain the concept of remoting in .NET framework?	10
16.a)	What are the key features of EJB technology?	4+6
b)	Write the steps to deploy a new EJB module.	
17.	Write short notes on any **TWO** of the following : a) SOA b) CORBA object model c) Overview of .NET architecture	5+5

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