

FACULTY OF INFORMATICS
B.E. 4/4 (IT) I Sem. (Suppl.) Examination, June 2012
MIDDLEWARE TECHNOLOGIES

Time: 3 Hours]

[Max. Marks: 75

Note : Answer all questions from Part A, Answer five questions from Part B.

PART – A

(25 Marks)

1. Define the term client/server. 3
2. Briefly describe any 3 servers. 3
3. What is a servlet ? 2
4. Define : i) Prepared statement in jdbc.
ii) Callable statement in jdbc. 3
5. List the services of EJB container. 2
6. What is an entity bean ? 2
7. What is the difference between stub and skeleton ? 3
8. What is remoting in .net ? 2
9. What are different activation modes in remoting ? 3
10. What is hierarchical naming service ? 2



PART – B

(5×10=50 Marks)

- 11. i) Write differences between RPC and MOM. 5
- ii) Explain about RPC. 5
- 12. Explain different session tracking techniques with examples. 10
- 13. Explain the different types of jdbc drivers. 10
- 14. Describe struts framework. 10
- 15. Explain CORBA object model. 10
- 16. Develop a student application using CORBA. Assume appropriate members and methods. Server must be in java. Client must be in C++. 10
- 17. Give overview of .net architecture. 10