

Code: IT7T5A

IV B.Tech - I Semester – Regular Examinations – November 2015

**CLIENT SERVER COMPUTING
(INFORMATION TECHNOLOGY)**

Duration: 3 hours

Max. Marks: 70

Answer any FIVE questions. All questions carry equal marks

1. a) What is Client-Server Computing? What are the classes of client-server systems? 7 M
- b) What is the role of JAVA in client-server computing? 7 M
2. a) What are the steps to be followed to create RMI client-server classes and run them? 10 M
- b) Explain about RMI garbage collection of remote objects. 4 M
3. Explain the process of creating and running a CORBA enabled Applet from a HTTP Server with a neat diagram. 14 M
4. a) What are the players of Multi-Count distributed system? 7 M

- b) Explain a multithreaded client-server scenario. 7 M
5. a) Explain the role of Introspective – CORBA / JAVA objects. 7 M
- b) Explain the CORBA activation services. 7 M
6. a) What are the benefits of RMI-to-IDL and RMI-to-IIOP? 7 M
- b) Explain the scenario of Pass-By-Value. 7 M
7. a) Explain how CORBA and JAVA cooperate with each other. 7 M
- b) Write about Introspective JAVA Bean. 7 M
8. Explain how EJB provide support for transactions? 14 M