

**CSI 518 Software Engineering**  
**Fall 1999 Final Examination**  
**December 15 Wednesday 10:30 - 12:30**

Q1: (50 points) Describe the key functions of the following activities and give an example of existing methodology used for each activity.

1. Regression testing
2. Software Maintenance
3. Software configuration management
4. Software reliability measurement
5. Software re-engineering

Q2: (20 points) Describe the process of testing during software life cycle and for each stage of testing give an example of testing strategy that can be applied.

Q3: (20 points) Use the term project as an example to describe the pros and cons of CORBA.

Q5: (10 points) Team evaluations.

**Team leaders:** give evaluation on group leaders and any significant team members.

**Group leaders:** give evaluation on your team leader and your group members.

**Others:** give evaluation on your team leader, group leader and other members in your group.