1. What is meant by Urban Forest Structure and how do we measure it? (10 points)

2. Explain how research on trees in Modesto was used by Maco and McPherson to accomplish a Benefits/Cost analysis for the Urban Forest of Davis. (10 points)

“Peace means far more than the opposite of war” Mister Rogers
3. Explain how tree selection and tree placement can be used to reduce air conditioning costs in a building during the summer months in Davis but not increase heating costs much in the winter months. (10 points)

4. What are the major Tree Management problems in Downtown Sacramento. (10 points)

“I know of no safe repository of the ultimate power of society but the people. And if we think them not enlightened enough, the remedy is not to take power from them, but to inform them by education.” T Jefferson, 1820
5. Compare the Urban/Rural Interfaces found in the Eastern US with those found in California. (10 points)

6. Describe 10 characteristics of a tree that influences its CTLA appraised value. (10 points)
7. Explain age distribution for an Urban Forest and describe a desirable age structure. (10 points)

8. How did Greg McPherson describe Importance Value of Urban Forest Trees. (10 points)
9. You are hired by the City of Nerdopolis to redesign their Street Tree Inventory due to lack of use by their maintenance supervisors. What would you do to improve the Inventory and how would you validate your New Version? (10 points)

10. Explain how changes in the management of Natural Forests in the 1960s led to the development of Urban Forestry. (10 points)