1. A. What is meant by Urban Forest Structure? (5 points)

   B. How can it be determined? (5 points)

2. How is Urban Forest Structure used to evaluate Urban Forest Functions? (10 points)
3. Why is a deciduous tree better than an evergreen tree when used to reduce the energy costs of a building in the Central Valley of California, and on what side of the building would be the best location for this tree? (10 points)

4. Maco and McPherson sampled the Davis Population of Street Trees to accomplish a Benefits/Cost analysis for the Urban Forest of Davis. Explain how they were able to assess benefits of the Davis trees. (10 points)
5. Compare the Urban/Rural Interfaces found in the Eastern US with those found in California. (10 points)

6. How can Urban Vegetation be used to improve Urban Wastewater? (10 points)
7. Why is it important to know the age distribution of the tree species in an Urban Forest? What is a desirable age structure. (10 points)

8. How can trees be used to increase Human Comfort? (10 points)
9. You are hired to develop a Street Tree Inventory for the City of Berkeley. Explain what type of Inventory you would use and what would be the components of your Inventory. (10 points)

10. Explain how changes in the management of Natural Forests in the 1960s led to the development of Urban Forestry in the early 1970s. (10 points)