Exam 1

Closed Book: 15 points (15%)

1. In gathering data to support urban transportation planning, name the unit of geographic area at which data supporting an inventory of existing conditions are summarized. Note the factors that are considered in delineating these geographic units. **(4 points)**
2. In the data collection phase of the urban transportation forecasting process, what type of information should the data reveal for a transportation analysis zone? **(3 points)**
3. What is the purpose of performing inventories and surveys for each defined geographic unit or transportation analysis zone within a study area? **(3 points)**
4. When you are developing a model using regression analysis, how do you select the independent variables that are related to the dependent variable? Explain**. (5 points)**