

## LESSON 5 – ASSIGNMENT

1. Produce flow charts for two different crops in a hydroponic system of your choice.
2. Describe, using diagrams, how you would prune the following crops:
  - a/ Tomato
  - b/ Cucumber
  - c/ Roses (to produce long-stemmed roses)
  - d/ Bunching carnations
3. List the pest and disease problems that are most likely to occur on the following crops if grown in your locality?
  - a/ Tomatoes
  - b/ Strawberries
  - c/ Lettuce
  - d/ Carnations
  - e/ Roses
  - f/ CucumbersHow would you treat each of the pest or disease problems named for hydroponically grown crops?
4. List the chemicals you would use in controlling the problems you listed in question 3 above. How would you apply them onto the crop?
5. What safety measures should be followed when using chemicals in a confined growing area such as a greenhouse? Are there any chemicals you would avoid using?
6. What fungicides and insecticides can be applied by mixing with hydroponic nutrient applications? How do these chemicals work? Write no more than ½ to 1 page.