3.

Weed Management

1. What is one definition of a weed?
   A weed is a plant that is a hazard or a nuisance or one that causes injury to people, animals, or desired crops (p. 389).

2. Why do we have weeds?
   Weeds are encouraged by the same gardening practices that create a favorable environment for garden plants (p. 390).

4. Why is it important to know the life cycles of weeds?
   Annuals, biennials, and perennials require different control strategies (p. 391).

4. What resources do weeds compete for with garden crops and ornamentals?
   - Light (p. 394)
   - Nutrients (p. 394)
   - Water (p. 394)

5. Name some weed control strategies.
   - Prevention (pp. 393-394)
   - Cultural control (pp. 394-396)
   - Mechanical control (pp. 394-396)
   - Chemical control (pp. 397-400)

6. List some cultural and mechanical strategies you currently use in your yard or garden.
   - Examine plants brought into the garden.
   - Rotate garden crops.
   - Leave part of the garden fallow for a season.
   - Remove weeds by hoeing, hand pulling, or rototilling.
   - Grow plants close together to crowd out weeds.
   - Start with transplants instead of seeds.
   - Use mulches or landscape fabrics.
   - Use drip irrigation systems to avoid watering weeds.
   - Grow cover crops to smother winter weeds.

*You may need to use other chapters, additional reference materials, or your own experience to answer this question fully.*
• Choose plants that will grow well in your environment.
• Provide proper care to keep plants growing vigorously.
• For lawns, fertilize, irrigate, and mow properly.
• Plant ground covers under woody landscape plants.

7. **List some of the ways you could improve weed control in your yard or garden.**
   Any of the answers given for Question #6

8. **What are some of the herbicides commonly used in woody landscapes?**
   - Dichlobenil (*pp. 403-404*)
   - Oryzalin (*pp. 403-404*)
   - Trifluralin (*pp. 403-404*)
   - Glyphosate (spot application) (*pp. 403-404*)

9. **Give an example of a systemic, nonselective, foliar-applied herbicide.**
   Glyphosate (Roundup and other trade names)

10. **List some ways that weeds are dispersed.**
    - Equipment (*p. 390*)
    - Irrigation water
    - Nursery soil (*p. 390*)
    - Birds and animals (*p. 390*)

*You may need to use other chapters, additional reference materials, or your own experience to answer this question fully.