

1999 Wisconsin Envirothon
Forestry Questions

1. Identify the five common names (Genus/Species) of the trees that are indicated (without a key), and a common use for each one of them: (1/2 point for each answer)
2. Determine the volume of the tree indicated: (2 points)
3. Determine the value of the tree indicated: (1 point)
4. List five conditions of this site that make it fire prone and what would you do to correct it to make it fire safe? (1/4 point for each correct answer)
5. Identify the following tools: (1/4 point for each correct answer)
6. Define the multiple use concept in the management of forests. (1 point)
7. List four factors that affect the health and survival of trees in an urban/suburban setting. (1/4 point for each answer)
8. Prescribed burning is often used as a management tool. List three potential reasons to conduct a prescribed burn. (1 point)
9. Match the correct answer to the following (Use each answer only once): (1/4 point for each answer)
 - a. An example of an intolerant tree species
 - b. A silvicultural system used in managing timber
 - c. An exotic species moving into Wisconsin
 - d. A full cord of wood
 - e. An example of a tolerant species
 - f. Reason for pruning a tree
 - g. A cord of firewood
 - h. Most abundant tree species in Wisconsin
 - i. Most abundant conifer species in Wisconsin
 - j. Name of a weed tree
 - k. Example of a tree that can survive under the worst conditions
 - l. A defoliator that affects oak trees
 1. A pile of wood 4 feet x 4 feet x 8 feet
 2. Shelterwood
 3. Health
 4. White Cedar
 5. Aspen
 6. A pile of wood 4 feet x 8 feet x 16 inches
 7. Walking Stick
 8. Red Maple
 9. Red Pine
 10. Gypsy Moth
 11. Box Elder
 12. Balsam Fir