

2025 AREA FORESTRY TEST

1. I am one of the few oak trees in Ohio that prefers alkaline soils. I have a large presence on this site. What am I?
 - a. Red oak
 - b. Scarlet oak
 - c. Black oak
 - d. Chinkapin oak
2. Found on this site, this conifer's wood is often utilized in northeast Ohio for log cabin industry.
 - a. White pine
 - b. Spruce
 - c. Arborvitae
 - d. Hemlock
3. This tree's wood is often utilized for tight cooperage.
 - a. White oak
 - b. Cherry
 - c. Red oak
 - d. Pin oak
4. What is the most abundant non-native invasive species found on this site?
 - a. Bush honeysuckle
 - b. Spice bush
 - c. Grapevine
 - d. Burning bush
5. Could the trail that you walked on to this station be identified by a forester pre-harvest to be used as a primary skid trail for timber harvesting? Choose the Best Answer?
 - a. No, Forester's do not identify skid trails
 - b. No, Forest trails are only used for recreation
 - c. Yes, existing trails are often improved upon to skid logs
 - d. Yes, but only with written approval from the Chief
6. What non-native invasive plant found on this site retains its leaves later into the fall than most native trees and shrubs?
 - a. Bush Honeysuckle
 - b. Viburnum
 - c. Buckeye
 - d. Ginseng
7. Which of the control methods is used for controlling mature tree-of-heaven?
 - a. Foliar spray
 - b. Cut Stump Herbicide Treatment
 - c. Hack and squirt
 - d. Soil drench

8. In determining the health and growing ability of a particular tree regardless of species, a forester always assesses what factor?
- Soil type
 - Crown condition
 - Bark texture
 - Tree height
9. Foresters measure the volume of standing timber by using the following tool(s)?
- Clinometer
 - Diameter tape
 - Prism
 - All of the above
10. Most of Ohio's forest land is owned by _____
- Federal government
 - Private landowners
 - State Government
 - Elon Musk
11. This technique is commonly used by foresters to kill undesirable trees
- Screening
 - Marking
 - Girdling
 - Taping
12. BMPs for erosion control for logging and forestry practices can help control?
- Silvicultural non-point source pollutants
 - Invasive plants
 - Hardwood regeneration
 - Clearcutting
13. Foresters often recommend this thinning practice to promote the most desirable trees?
- Tree planting
 - Clearcutting
 - Crop tree release
 - Prescribed fire
14. In Ohio Forestry, what is the length in feet of one log?
- 10 ft
 - 16 ft
 - 8 ft
 - 12 ft
15. What type of product might be used to control invasive shrubs found in this forest?
- Fungicide
 - Herbicide
 - Rodenticide
 - Insecticide

16. In Ohio, what causes most wildfires?
 - a. Lightning
 - b. Cigarettes
 - c. Debris burning
 - d. Fireworks
17. What are the three legs of the Wildfire Behavior Triangle?
 - a. Heat, Ignition, and Oxygen
 - b. Smoke, Flame, and Intensity
 - c. Plume, Scorch, and Melting point
 - d. Fuel, Weather, and Topography
18. Which statement best describes Silviculture?
 - a. The art and science of growing trees
 - b. The genetics of tree form
 - c. The science of seeds
 - d. The laboratory production of angiosperms
19. Which of the following are considered secondary forest products manufacturing?
 - a. Wood furniture industries
 - b. Logging contractors
 - c. Shopping malls
 - d. Sawmills
20. Where is most of Ohio's forestland found?
 - a. West of Columbus
 - b. East and south of the glacial line in the western foothills of Appalachia.
 - c. Mercer county
 - d. Lake Erie Watershed
21. What is the most common forest type found in Ohio?
 - a. Maple/Beech/Birch
 - b. White/Red Pine
 - c. Spruce/Fir
 - d. Oak/Hickory
22. What is a practice used by Foresters to improve the overall health and condition of the forest?
 - a. Invasive species control
 - b. Timber Harvesting
 - c. Crop Tree Release
 - d. All the above
23. This shade tolerant tree is also referred to in the timber industry as soft maple?
 - a. Sugar maple
 - b. Black maple
 - c. Red maple
 - d. All the above

24. What has the use of Geographic Information Systems in Forestry improved?
- Managing large amounts of data
 - Forest Inventory
 - Landscape scale management
 - All of the above
25. What is the forest volume in Ohio?
- 96.3% hardwoods and 3.7% conifers
 - 75% hardwoods and 25% conifers
 - 50% hardwoods and 50% conifers
 - None of the above
26. Identify this hardwood tree:
- Bitternut hickory
 - Blue ash
 - Black walnut
 - Chinkapin oak
27. Using the D-Tape, what is the DBH of this sugar maple?
- 20
 - 12
 - 18
 - 16
28. Using the tree scale stick, determine the merchantable height in logs of this hickory
- $\frac{1}{2}$
 - 3
 - 1
 - 2
29. Using the tree scale stick, determine the board foot volume of this black walnut
- 450
 - 132
 - 194
 - 72
30. Using the tree scale stick, determine the merchantable log height of this hickory.
- 0.5
 - 3
 - 1
 - 2