

Quiz 7: Woodlot Ecology

*** Please note that there is now a \$20 testing fee to receive a certificate for each module. If you would like to receive a certificate for completing this module, please send a cheque or money order (payable to the Minister of Finance) along with the completed quiz OR workbook to Nova Scotia Department of Natural Resources Stewardship and Outreach P.O. Box 698 Halifax, NS B3J 2T9**

Name: _____ Address: _____
Telephone: _____ E-mail: _____

Choose answer that best suits each statement and fill in the blanks.

1. What is ecology?

2. 0.5 hectares (1 acre) of trees can remove 13 tons of gases and dust from the atmosphere. T F
3. Name four forest regions found in Nova Scotia:
 - a.
 - b.
 - c.
 - d. _____
4. The forest canopy receives the most solar light. T F
5. Excessive loss of moisture is the most common injury in plants, animals and trees. T F
6. In which soil layer would you find most root systems?

7. A soil mixture of sand, silt, and clay is called humus. T F
8. What causes about 99% of the forest fires in Nova Scotia each year?
9. What is photosynthesis? _____
10. Green plants are the most important species in a food web. T F
11. What is an omnivoire? Give an example.

12. Nutrients move from one ecosystem to another mainly by means of water flow. T F

13. 79% of the atmosphere is made up of oxygen. T F

14. What is an ecosystem community?

15. A community is most often described by the major animal species. T F

16. What limits the distribution of plants and animals in a woodlot?

17. There is little wildlife found on the edge areas of a woodlot. T F

18. Surface roots extend deep into the ground to search for water. T F

19. Name three things tree rings can tell us?

20. The cambium layer is found between the bark and the wood. T F

21. Why do leaves turn color in the fall?

22. Female seeds produce pollen. T F

23. Trees that establish themselves following a disturbance are called:

- a) intolerant species
- b) intermediate species
- c) pioneer species
- d) all of the above
- e) a and b

24. Why is early spring the time for planting and transplanting trees?

25. Hardwoods require more nutrients than softwoods. T F