

**Quiz 8: Wood Utilization and Technology**

**\* 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: \_\_\_\_\_ Telephone: \_\_\_\_\_  
Address: \_\_\_\_\_ E-mail: \_\_\_\_\_

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

- 1. Springwood contains the wood tissue that conducts water up and down the tree. T F
- 2. The longitudinal cells in hardwood trees are much smaller than in softwood. T F
- 3. Ring-porous species have very light, low density wood. T F
- 4. Tension wood is formed on the underside of a leaning softwood tree. T F
- 5. The wood of a young tree that conducts water, stores food for growth, and provides strength to the tree stem is known as heartwood. T F
- 6. What is density? \_\_\_\_\_
- 7. What is latewood? \_\_\_\_\_
- 8. The point at which all free water is removed from the cell cavity is known as fibre saturation point. T F
- 9. The most serious type of decay in Canada occurs in softwoods and is known as brown rot. T F
- 10. In order to develop and cause wood damage, what 4 elements do fungi require? (4 points)
  - a)
  - b)
  - c)
  - d) \_\_\_\_\_
- 11. The best sawlogs are located at the butt of the tree. T F

12. What percentage of Nova Scotia's pulpwood comes from softwood species? \_\_\_\_\_
13. A cord of wood is 138 cubic feet of stacked wood. T F
14. Seasoning checks usually occur during the early stages of kiln-drying. T F
15. What are the three methods that can be used to produce hardwood and softwood veneer?  
 a. \_\_\_\_\_  
 b. \_\_\_\_\_  
 c. \_\_\_\_\_
16. Most softwood sawmills convert about one third of solid residue into fuel pellets, used to heat homes. T F
17. Knot size is very important when grading both hardwood and softwood lumber. T F
18. Softwood lumber is graded without considering strength. T F
19. Using the cutting unit method for grading, what is one cutting unit?  
 a. \_\_\_\_\_
20. Wood products are also given specific standards to govern their use. T F
21. In the hardwood trade, there has been a switch from temperate (light colored) to tropical (dark colored) wood. T F
22. Softwood lumber must be kiln-dried before exporting it into European countries. T F