

Quiz 2: Harvesting Systems

*** 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: _____

Circle the answer that best suits each statement or fill in the blanks.

1. What is silviculture? _____

2. One of the main goals of a clearcut is to establish an even-aged stand. T F

3. Name 3 characteristics of stands suitable for clearcutting. (3 points)

4. Early thinning is beneficial to most naturally regenerating stands. T F

5. Seed coverage can be improved by:

- a) limiting cut size
- b) taking advantage of prevailing winds
- c) making irregular edges
- d) all of the above

6. A good rule of thumb to remember when clearcutting is to keep the strip wider than twice the height of seed-bearing trees. T F

7. Clearcutting in progressive strips involves:

- a) cutting every third strip.
- b) successive cuts occurring over a 5 to 15 year period.
- c) two thirds of an area is regenerated before cutting final strips.
- d) all of the above
- e) none of the above

8. Complete overhead lighting for new and shade-intolerant species is an advantage of the clearcut system. T F

9. Shelterwood harvesting is ideal for shade-tolerant seedling growth. T F
10. Name 3 characteristics of stands suitable for shelterwood systems. (3 points)
- _____
- _____
- _____
11. The first cut during shelterwood harvesting yields the greatest economic revenue. T F
12. Shelterwood cuts have a greater impact on wildlife than clearcutting. T F
13. The main goal of commercial thinning is to promote the growth of the trees remaining in the stand. T F
14. During shelterwood harvests, seed trees are recommended to be:
- a) shallow-rooted
 - b) windfirm
 - c) a quality species
 - d) all of the above
 - e) b and c
15. The selection system allows a continuous harvest from a particular stand or woodlot without removing the entire canopy. T F
16. Name 2 characteristics of stands suitable for selection systems. (2 points)
- _____
- _____
17. One advantage to the selection system is that trees tend to have more taper and branches as they develop in more open conditions. T F
18. During single tree selection, trees that are unhealthy or undesirable should be cut unless it creates a large opening. T F
19. Group selection is more time consuming and expensive than single tree selection. T F
20. Selection cutting maintains continuous cover which results in stable growing conditions and within-stand diversity. T F