

New FIA Returning Certification Test Manual version 2.0
For crew on Second Annual measurement for a state

NOTE: THIS IS AN OPEN BOOK TEST.

Name _____ Date: _____

True or False:

- 1.) _____ New saplings are added to subplot 121-124.(these may have been missed or seedlings last survey)
 - 2.) _____ When installing a new plot use the given latitude and longitude coordinates as the correct location and change the location on the photo to correspond to the lat/long.
 - 3.) _____ A forested subplot with no tally trees (> 1.0 Inches) and has a tree or object within 60 feet requires a reference to the subplot center.
 - 4.) _____ You must add 2.0 feet for every 60 feet of distance on a 20% slope.
 - 5.) _____ When NC LOWER BARK HARVESTED=1 you must also collect data on NC LOWER SURFACE FEATURES and NC LOWER BARK CHARACTER.
- 6.) What is a Ingrowth tree?
- 7.) How many site trees are required for a forested condition?

Circle any of the following trees that are given CAUSE OF DEATH (CAUS) (circle correct answer(s))?

- 8). PREVIOUS TREE STATUS=1 and PRESENT TREE STATUS=2.
- 9). The tree had no PREVIOUS TREE STATUS and PRESENT TREE STATUS=2
- 10). PREVIOUS TREE STATUS=1 and PRESENT TREE STATUS=3.
- 11). PREVIOUS TREE STATUS=2 and PRESENT TREE STATUS=2

Circle all the following that are tallied trees?

- 12). A tree was not tallied last survey, the PRESENT TREE STATUS=2, it is at 180 degrees from subplot center and 2.5 feet away and is 3.5 inches in diameter.
 - 13). A tree was not tallied last survey, the tree is dead ,it is at 90 degrees and 13.5 feet from subplot center and has a PRESENT DIAMETER=3.5.
 - 14). A tree was not tallied last survey, the tree is live ,it is at 90 degrees and 13.5 feet from subplot center and has a PRESENT DIAMETER=3.5.
- 15.) How is the base of the live crown established?

16.) Would the plot get PLOT STATUS=1 if the whole plot area was clearcut and is in the process of being site prepped for planting?

17.) The location where tree RECONCILE code 2 is valid on the plot is where? (Circle the correct ones)

A. On a 6.8 feet radius of the subplot center

B. On a 6.8 foot radius that is located from a pin 12 feet and 90 degrees from the subplot center .

Circle any where MORTALITY YEAR is assigned to the following trees. The plot has a SAMPLE KIND =2

18). PREVIOUS TREE STATUS=1 and PRESENT TREE STATUS=3.

19). The tree had no PREVIOUS TREE STATUS and PRESENT TREE STATUS=2

20). PRESENT TREE STATUS=2 and RECONCILE=a missed dead tree.

21). PREVIOUS TREE STATUS=2 and the tree is still dead.

22.) When are NC Tree Class codes of 41-45 valid for a tree?

23.) Where do you find the **list** of acceptable site tree species to use?

True or False

24.) _____ PRESENT NONFOREST LAND USE (NFLU) is only given to a condition where all or part of it was forest in the previous annual inventory visit.

25.) _____ A plot which includes part of a 4 acre pine plantation and part of a 40 acre wheat field is given a PLOT STATUS of 2.

26.) _____ A subplot that lands totally in Canada is given a SUBPLOT STATUS of 3.

27.) _____ A corn field is given a PLOT STATUS of nonsampled plot.

28.) _____ Amelanchier spp (0356) may be used when you are not sure if the tree you are tallying is Amelanchier stolonifera or Amelanchier arborea. .

29.) Which damage(s) need only to be present to be recorded?

a) 02 (other than roots>3' from the bole and branches)

b) 11

c) 12

d) 21

e) 31

f) all of the above

30.) Cause of death is recorded only on dead trees on subplots 121 or higher?

31.) A tree must have a tree class of what to require a tree grade?

32.) Within the same spot on the upper bole, there is a canker with decay. The canker size is 10% of the circumference of the upper bole. What would you record?

- a) 5, 01, 1; 5, 02, 0
- b) 5, 01, 2; 0
- c) 5, 02, 0; 0
- d) 0

33.) A tree has defoliator activity on the leaves, 20% of the leaf area of each affected leaf is chewed on 100% of the crown. What damage would you record?

- a) 9,24,9
- b) 0
- c) 9,24,2
- d) 8,24,9

34.) What is the stocking value for the following on the subplot or microplot when the largest tree in the condition is 7.0 inches in diameter.

_____ 11.3 inch diameter white pine

_____ 3.1 inch diameter white pine

_____ two seedlings white pine

35.) If you tallied the trees in question 34 as the total for the plot, and that represented the way the rest of the condition looked, would the condition be stocked forest land?

35.) What Datum should the Garmin GPS unit be set at for collection of coordinates?

36.) Plots with what PLOT STATUS need coordinates collected for plot center?