

FFA Team Activity Answers – 2011

All questions worth 1 point unless otherwise noted.

Total points possible = 125, so multiply raw score times 2 for final score

internal note Volumes: 5% range from correct amount

internal note Distances: total= $\pm 3'$ around correct, then ranges 5', 4', 4', 4'

internal note Azimuths: total= $\pm 2^\circ$ around correct, then ranges 2° each

A

1. Ash
2. 20 inches
3. only one answer needed: Emerald Ash Borer or storm damage

B

4. Elm
5. Dutch Elm Disease

C

6. Black Walnut
7. 21 inches
8. 2 logs
9. 236-249 bdft (1 pt)
250-263 bdft (2 pts)
264-292 bdft (3 pts)
293-306 bdft (2 pts)
307-320 bdft (1 pt)
10. \$185-197 (1 pt)
\$198-209 (2 pts)
\$210-221 (3 pts)
\$222-234 (4 pts)
\$235-259 (5 pts)
\$260-272 (4 pts)
\$273-284 (3 pts)
\$285-296 (2 pts)
\$297-309 (1 pt)

D

11. 359-360 (or 0) degrees (1 pt)
1-5 degrees (2 pts)
6-7 degrees (1 pt)
12. 99-103 ft (1 pt)
104-108 ft (2 pts)
109-115 ft (3 pts)
116-120 ft (2 pts)
121-125 ft (1 pt)
13. 269-270 degrees (1 pt)
271-275 degrees (2 pts)
276-277 degrees (1 pt)
14. 97-101 ft (1 pt)
102-106 ft (2 pts)
107-113 ft (3 pts)
114-118 ft (2 pts)
119-123 ft (1 pt)

E

15. Hickory
16. 14 inches
17. 1 $\frac{1}{2}$ logs
18. 57-59 bdft (1 pt)
60-63 bdft (2 pts)
64-70 bdft (3 pts)
71-74 bdft (2 pts)
75-77 bdft (1 pt)

F

- 19. Red Oak
- 20. Accept 24 or 25 inches
- 21. 3 logs
- 22. 456-481 bdft (1 pt)
- 482-508 bdft (2 pts)
- 509-563 bdft (3 pts)
- 564-590 bdft (2 pts)
- 591-616 bdft (1 pt)

G

- 23. Black Walnut
- 24. 23 inches
- 25. 2 logs
- 26. 303-319 bdft (1 pt)
- 320-337 bdft (2 pts)
- 338-374 bdft (3 pts)
- 375-392 bdft (2 pts)
- 393-409 bdft (1 pt)

H

- 27. Sycamore
- 28. Accept 18 or 19 inches
- 29. 3 logs
- 30. 199-210 bdft (1 pt)
- 211-221 bdft (2 pts)
- 222-246 bdft (3 pts)
- 247-257 bdft (2 pts)
- 258-269 bdft (1 pt)

I

- 31. Maple
- 32. 13 inches
- 33. canker

J

- 34. Branson (2 pts)
- 35. 1:24,000 (2 pts)
- 36. 20 feet (2 pts)
- 37. 700 feet (2 pts)
- 38. Missouri Pacific or MP (2 pts)
- 39. Section 7, T23N – R20W (2 pts)
- 40. Section 12, T23N – R21W (2 pts)
- 41. 1224 feet (2 pts)

K

- 42. (10 factor) prism – just prism is also acceptable
- 43. square feet of surface area of wood per acre at 4 ½ feet above ground – accept something that resembles most of this
- 44. 90 square feet (1 pt)
- 100 square feet (2 pts)
- 110 square feet (3 pts)
- 120 square feet (2 pts)
- 130 square feet (1 pt)

L

- 45. Clinometer
- 46. Measure slope (2 pts)
- and measure heights of trees (2 pts)
- 47. 21-22% (1 pt)
- 23-24% (2 pts)
- 25-27% (3 pts)
- 28-29% (2 pts)
- 30-31% (1 pt)

M

- 48. Tulip or Yellow Poplar
- 49. Accept 27 or 28 inches
- 50. 2 ½ logs
- 51. 542-573 bdft (1 pt)
 - 574-605 bdft (2 pts)
 - 606-670 bdft (3 pts)
 - 671-702 bdft (2 pts)
 - 703-734 bdft (1 pt)

N

- 52. White Oak
- 53. Accept 21 or 22 inches
- 54. 2 ½ logs
- 55. 313-330 bdft (1 pt)
 - 331-349 bdft (2 pts)
 - 350-386 bdft (3 pts)
 - 387-405 bdft (2 pts)
 - 406-423 bdft (1 pt)

O

- 56. 208-209 degrees (1 pt)
 - 210-214 degrees (2 pts)
 - 215-216 degrees (1 pt)
- 57. 139-143 ft (1 pt)
 - 144-148 ft (2 pts)
 - 149-155 ft (3 pts)
 - 156-160 ft (2 pts)
 - 161-165 ft (1 pt)
- 58. 136-137 degrees (1 pt)
 - 138-142 degrees (2 pts)
 - 143-144 degrees (1 pt)
- 59. 140-144 ft (1 pt)
 - 145-149 ft (2 pts)
 - 150-156 ft (3 pts)
 - 157-161 ft (2 pts)
 - 162-166 ft (1 pt)

P

- 60. Drip torch
- 61. To start prescribed fires (1 pt)
 - To start back fires during fire suppression (1 pt)

Q

- 62. Ash
- 63. 13 inches
- 64. Alive

R

- 65. 134-135 degrees (1 pt)
 - 136-140 degrees (2 pts)
 - 141-142 degrees (1 pt)
- 66. 188-192 ft (1 pt)
 - 193-197 ft (2 pts)
 - 198-204 ft (3 pts)
 - 205-209 ft (2 pts)
 - 210-214 ft (1 pt)
- 67. 162-163 degrees (1 pt)
 - 164-168 degrees (2 pts)
 - 169-170 degrees (1 pt)
- 68. 93-97 ft (1 pt)
 - 98-102 ft (2 pts)
 - 103-109 ft (3 pts)
 - 110-114 ft (2 pts)
 - 115-119 ft (1 pt)

LAST QUESTION

- 69. 7,431-7,925 bdft/acre (1 pts)
- 7,926-8,421 bdft/acre (2 pts)
- 8,422-8,916 bdft/acre (3 pts)
- 8,917-9,412 bdft/acre (4 pts)
- 9,413-10,403 bdft/acre (5 pts)
- 10,404-10,899 bdft/acre (4 pts)
- 10,900-11,394 bdft/acre (3 pts)
- 11,395-11,890 bdft/acre (2 pts)
- 11,891-12,385 bdft/acre (1 pts)