

Name \_\_\_\_\_

School \_\_\_\_\_

**Tree Identification Specimen List**

Answer

- |           |                               |                                     |
|-----------|-------------------------------|-------------------------------------|
| 1. _____  | A. Ailanthis (Tree of Heaven) | QQ. Maple, ashleafed<br>(box elder) |
| 2. _____  | B. Arrow wood                 | RR. Maple, Norway                   |
| 3. _____  | C. Ash, white                 | SS. Maple, red                      |
| 4. _____  | D. Aspen, Bigtoothed          | TT. Maple, sugar                    |
| 5. _____  | E. Aspen, Quaking             | UU. Maple, striped                  |
| 6. _____  | F. Autumn Olive               | VV. Mountain Laurel                 |
| 7. _____  | G. Barberry                   | WW. Multi-floral rose               |
| 8. _____  | H. Basswood (Linden)          | XX. Oak, black                      |
| 9. _____  | I. Beech, American            | YY. Oak, chestnut (rock)            |
| 10. _____ | J. Birch, Black (sweet)       | ZZ. Oak, pin                        |
| 11. _____ | K. Birch, Gray                | AB. Oak, red                        |
| 12. _____ | L. Birch, Red (river)         | AC. Oak, scarlet                    |
| 13. _____ | M. Birch, Yellow              | AD. Oak, white                      |
| 14. _____ | N. Butternut                  | AE. Osage Orange                    |
| 15. _____ | O. Catalpa                    | AF. Pawpaw                          |
| 16. _____ | P. Cherry, Black              | AG. Pine, Austrian                  |
| 17. _____ | Q. Chestnut, American         | AH. Pine, pitch                     |
| 18. _____ | R. Chestnut, Chinese          | AI. Pine, red                       |
| 19. _____ | S. Crab Apple                 | AJ. Pine, scotch                    |
| 20. _____ | T. Cucumber                   | AK. Pine, Virginia (scrub)          |
| 21. _____ | U. Dogwood flowering          | AL. Pine, white                     |
| 22. _____ | V. Douglas Fir                | AM. Poison Ivy                      |
| 23. _____ | W. Elderberry                 | AN. Red Bud                         |
| 24. _____ | X. Elm, American,             | AO. Red Cedar                       |
| 25. _____ | Y. Elm, Slippery              | AP. Rhododendron                    |
|           | Z. Fir, Frasier               | AQ. Sassafras                       |
|           | AA. Fir, Concolor             | AR. Serviceberry                    |
|           | BB. Gum, black (tupelo)       | AS. Smooth Alder                    |
|           | CC. Greenbriar                | AT. Spicebush                       |
|           | DD. Hackberry                 | AU. Spruce, blue                    |
|           | EE. Hawthorn                  | AV. Spruce, Norway                  |
|           | FF. Hayscented Fern           | AW. Staghorn Sumac                  |
|           | GG. Hemlock, Eastern          | AX. Sycamore                        |
|           | HH. Hickory, pignut           | AY. Tulip poplar<br>(yellow poplar) |
|           | II. Hickory, shagbark         | AZ. Virginia Creeper                |
|           | JJ. Hickory, shellbark        | AAA. Walnut, black                  |
|           | KK. Horse chestnut            | BBB. White Cedar                    |
|           | LL. Ironwood                  | CCC. Wild Grape                     |
|           | MM. Japanese Knotweed         | DDD. Willow, black                  |
|           | NN. Japanese Larch            | EEE. Witch Hazel                    |
|           | OO. Locust, black             |                                     |
|           | PP. Locust, Honey             |                                     |

## Forestry CDE

Compass Practicum  
Answer Sheet

Contestant Name \_\_\_\_\_

School \_\_\_\_\_

Site 1	A to B	Bearing	5 pts _____
		Distance	5 pts _____
Site 2	B to C	Bearing	5 pts _____
		Distance	5 pts _____
Site 3	C to D	Bearing	5 pts _____
		Distance	5 pts _____
Site 4	D to E	Bearing	5 pts _____
		Distance	5 pts _____
Site 5	E to F	Bearing	5 pts _____
		Distance	5 pts _____
Site 6	F to G	Bearing	5 pts _____
		Distance	5 pts _____
Site 7	G to H	Bearing	5 pts _____
		Distance	5 pts _____
Site 8	H to I	Bearing	5 pts _____
		Distance	5 pts _____
Site 9	I to J	Bearing	5 pts _____
		Distance	5 pts _____
Site 10	J to K	Bearing	5 pts _____
		Distance	5 pts _____
Site 11	K to L	Bearing	5 pts _____
		Distance	5 pts _____

## FORESTRY CDE

Timber Stand Improvement (TSI)  
Answer Sheet

Contestants Name \_\_\_\_\_

Contestants School \_\_\_\_\_

Directions: Circle one choice for each tree within the test area:

- |     |     |       |        |
|-----|-----|-------|--------|
| 1.  | CUT | LEAVE | DEADEN |
| 2.  | CUT | LEAVE | DEADEN |
| 3.  | CUT | LEAVE | DEADEN |
| 4.  | CUT | LEAVE | DEADEN |
| 5.  | CUT | LEAVE | DEADEN |
| 6.  | CUT | LEAVE | DEADEN |
| 7.  | CUT | LEAVE | DEADEN |
| 8.  | CUT | LEAVE | DEADEN |
| 9.  | CUT | LEAVE | DEADEN |
| 10. | CUT | LEAVE | DEADEN |
| 11. | CUT | LEAVE | DEADEN |
| 12. | CUT | LEAVE | DEADEN |
| 13. | CUT | LEAVE | DEADEN |
| 14. | CUT | LEAVE | DEADEN |
| 15. | CUT | LEAVE | DEADEN |
| 16. | CUT | LEAVE | DEADEN |
| 17. | CUT | LEAVE | DEADEN |
| 18. | CUT | LEAVE | DEADEN |
| 19. | CUT | LEAVE | DEADEN |
| 20. | CUT | LEAVE | DEADEN |
| 21. | CUT | LEAVE | DEADEN |
| 22. | CUT | LEAVE | DEADEN |
| 23. | CUT | LEAVE | DEADEN |
| 24. | CUT | LEAVE | DEADEN |
| 25. | CUT | LEAVE | DEADEN |

## Forestry Equipment

Name \_\_\_\_\_

School \_\_\_\_\_

- |           |                              |                       |
|-----------|------------------------------|-----------------------|
| 1. _____  | A. Altimeter                 | HH. Relaskop          |
| 2. _____  | B. Back-Pack Fire Pump       | II. Safety Glasses    |
| 3. _____  | C. Bark Gauge                | JJ. Safety Hard Hat   |
| 4. _____  | D. Bull dozer                | KK. Soil Sample       |
| 5. _____  | E. Cant Hook                 | LL. Soil Test Kit     |
| 6. _____  | F. Chain Saw                 | MM. Staff Compass     |
| 7. _____  | G. Chainsaw Chaps            | NN. Stereoscope       |
| 8. _____  | H. Clinometer                | OO. Survey Instrument |
| 9. _____  | I. Data Recorder             | PP. Tally Book        |
| 10. _____ | J. Densimeter                | QQ. Tally Meter       |
| 11. _____ | K. Diameter Tape             | RR. Tree Caliper      |
| 12. _____ | L. Dot Grid                  | SS. Tree Harvester    |
| 13. _____ | M. Drip Torch                | TT. Tree Marking Gun  |
| 14. _____ | N. End Loader                | UU. Tree planting bar |
| 15. _____ | O. Feller Buncher            | VV. Tree Skider       |
| 16. _____ | P. Fiberglass measuring tape | WW. Tree Stick        |
| 17. _____ | Q. Fire Rake                 | XX. Water Sampler     |
| 18. _____ | R. Fire Weather Kit          | YY. Water Test Kit    |
| 19. _____ | S. Fire Swatter              | ZZ. Wedge Prism       |
| 20. _____ | T. Flow/current meter        | AB. Wheeler Caliper   |
|           | U. GPS Receiver              |                       |
|           | V. Hand Compass              |                       |
|           | W. Hand Lens                 |                       |
|           | X. Hypo – Hatchet            |                       |
|           | Y. Hip Chain                 |                       |
|           | Z. Increment Borer           |                       |
|           | AA. Log Rule                 |                       |
|           | BB. Logger's Tape            |                       |
|           | CC. pH meter                 |                       |
|           | DD. Planimeter               |                       |
|           | EE. Plant Press              |                       |
|           | FF. Plastic Flagging         |                       |
|           | GG. Pulaski Forester Axe     |                       |