



## ***SAMPLE ASSESSMENT***

### **CONSERVATION**

**Test Code: 7426**

**Version: 01**

#### ***Specific Competencies and Skills Tested in this Assessment:***

##### **Forestry**

Tree identification  
Forest measurements  
Basic silviculture  
Horticulture concepts  
Chainsaw safety  
Ecological concepts/soils

##### **Surveying**

Compass/pacing/taping  
Topographic maps  
Leveling

##### **Equipment Operation**

Safety  
Pre-operational checks  
Preventative maintenance  
Volume calculations

##### **Fish and Wildlife**

Fish and wild life management  
Ecosystems

##### **Outdoor Recreation**

Adirondack Park (NYS rec)  
Trails/campgrounds

*Conservation continued*

**Written Assessment:**

Administration Time: 3 hours  
Number of Questions: 142

***Areas Covered:***

48%	Forestry
10%	Surveying
15%	Equipment Operation
17%	Fish and Wildlife
10%	Outdoor Recreation

***Sample Questions:***

A compound leaf is found on a/an \_\_\_\_\_ tree.

- A. balsam fir
- B. hickory
- C. American basswood
- D. American beech

One Gunter's chain equals \_\_\_\_\_ feet.

- A. 23
- B. 66
- C. 129
- D. 225.5

The violent rear-thrusting of a chainsaw, back and towards the user, is known as

- A. dropstart
- B. jumpback
- C. kickback
- D. pulling the chain

A forester determines his/her pace to be 5.8 feet. How many paces will it take to cover  $\frac{1}{4}$  mile?  
(1 mile = 5280 feet)

- A. 58
- B. 1320
- C. 215
- D. 227.6

Which of the following organisms has the greatest impact on ecological relationships?

- A. humans
- B. deer
- C. insects
- D. fungi

*Conservation continued*

**Performance Assessment:**

Administration Time: 3 hours, 45 minutes

Number of Jobs: 4

***Areas Covered:***

15%

**Identification of Plant Specimens**

*Identify the common names of 30 plant specimens*

30%

**Sharpening and Adjusting Chain Saw**

*Sharpen and adjust the chain on a chain saw*

20%

**Calculate Acreage**

*Determine pace, record bearings, pace perimeter, plot and compute*

35%

**Plotting and Analyzing 1/5 Acre**

*Flag out plot, tally trees, calculate tree volume, present summary*

***Sample Job:*** Plotting and Analyzing 1/5 Acre

***Estimated Job Time:*** 90 minutes

***Participant Activity:*** The test participant will:

1. Flag out a 1/5-acre plot using 100-foot tape or 1/5-acre tape.
2. Tally all saw timber size trees (10" d.b.h. or greater).
3. Calculate volume of standing trees by species and d.b.h.
4. Present summary on a per acre basis.