


Forestry Test Valley Forge Invitational

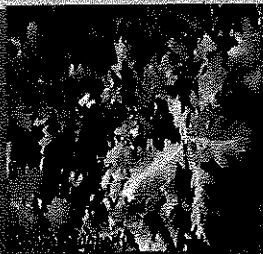
- Please write your **NAMES, SCHOOL NAME** and **TEAM NUMBER** on the answer sheet provided.
- Please write legibly
- Slides will automatically advance after 2.5 min.
- You will not have the opportunity to go back to any slide.

QUESTION #1




- A. Identify the common name
- B. Scientific name
- C. Family
- D. This is a food source for many animals. Name 2 animals that eat the bark?

Question #2



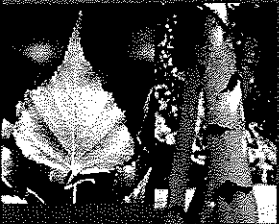
- A. Identify the common name
- B. Scientific name
- C. Family
- D. Who discovered and named the species?
- E. Which state is this a native of?

Questions #3




- A. Identify the common name
- B. Scientific name
- C. Family
- D. The leaves of this tree is ___?
 1. Simple and opposite
 2. Compound and whorled
 3. Simple and alternate
 4. Compound and alternate

Question #4




- A. Identify the common name
- B. Scientific name
- C. Family
- D. Name two things that were made from the bark of this tree by the Native Americans?

Question #5




- A. Identify the common name
- B. Scientific name
- C. Family
- D. What are the economic uses of this tree?

Questions #6




- A. Identify the common name
- B. Scientific name
- C. Family
- D. This tree is on the IUCN red list. Why?
- E. What is the nickname of the oldest living tree of this species and where is it growing?

Question #7




- A. Identify the common name
- B. Scientific name
- C. Family
- D. Name three economic uses of this tree.

Question #8




- A. Identify the common name
- B. Scientific name
- C. Family
- D. What is the color of the flowers of this tree?

Question #9




- A. Identify the common name
- B. Scientific name
- C. Family
- D. What is the native land of this tree?
- E. What are some uses of this fruit?

Question #10



- A. Identify the common name
- B. Scientific name
- C. Family
- D. What is the distinctive character of the leaves of this plant?

Question #11



- A. Identify the common name
- B. Scientific name
- C. Family
- D. This tree can be used to produce:
 - 1. Cleaners and disinfectants
 - 2. Insecticides and medications
 - 3. Timber
 - 4. All of the above

Question #12



- A. Identify the common name
- B. Scientific name
- C. Family
- D. What is the native land of this species

Question #13



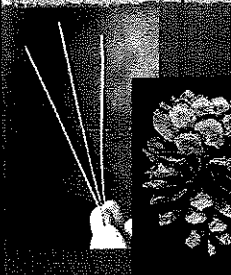
- A. Identify the common name
- B. Scientific name
- C. Family
- D. Why is the wood of this tree used primarily for outdoor construction.

Question #14



- A. Identify the common name
- B. Scientific name
- C. Family
- D. Name two uses of this tree in the landscape?

Question #15



- A. Identify the common name
- B. Scientific name
- C. Family
- D. Is this native or introduced tree of North America?

Question #16



- A. Identify the common name
- B. Scientific name
- C. Family
- D. Describe the leaf pattern of this tree
- E. This is the state tree of which state?

Question #17



- A. Identify the common name
- B. Scientific name
- C. Family
- D. What is the most important commercial use of this tree?

Forestry Invitational – Valley Forge PA
(Spelling counts)

1.

- A. Back Willow
- B. *Salix nigra*
- C. Salicaceae
- D. White tailed deer, rabbits, small rodents and beaver

2.

- A. Blue Oak
- B. *Quercus douglasii*
- C. Fagaceae
- D. David Douglas
- E. California

3.

- A. Pin Cherry
- B. *Prunus pensylvanica*
- C. Roseaceae
- D. Simple and alternate

4.

- A. Gray birch
- B. *Betula populifolia*
- C. Betulaceae
- D. Pouches/containers and writing/drawing

5.

- A. Northern Red Oak
- B. *Quercus rubra*
- C. Fagaceae
- D. Timber for interior construction ex. Indoor furniture, flooring, interior trim, veneer. (Imp. No points if outdoor furniture and or any other outdoor uses are given)

6.

- A. Bristlecone pine
- B. *Pinus aristata*
- C. Pinaceae
- D. Threatened with extinction because it is very slow growing
- E. Methuselah located in the Ancient bristlecone pine forest in the white mountains of eastern California

7.

- A. Black walnut

- B. *Salix nigra*
- C. Saliceae
- D. Wood for Furniture, fruit is eaten

8.

- A. Flowering Dogwood
- B. *Cornus florida*
- C. Cornaceae
- D. Small, green or yellow

9.

- A. Ginko
- B. *Ginko biloba*
- C. Ginkgoaceae
- D. China
- E. Overall health and aphrodisiac qualities

10.

- A. Red Mulberry
- B. *Morus rubra*
- C. Moraceae
- D. Serrated leaves that may or may not be lobed

11.

- A. Northern white cedar
- B. *Thuja occidentalis*
- C. Cupressaceae
- D. All of the above

12.

- A. Engelmann Spruce
- B. *Picea engelmannii*
- C. Pinaceae
- D. North America

13.

- A. White oak
- B. *Quercus alba*
- C. Fagaceae
- D. The wood contains tyloses make it water and rot resistant.

14.

- A. Limber Pine
- B. *Pinus flexilis*
- C. Pinaceae
- D. Windbreaks, ornamental landscape tree,

15.

- A. Ponderosa pine
- B. *Pinus ponderosa*
- C. Pinaceae
- D. Native

16.

- A. Ohio Buckeye
- B. *Aesculus glabra*
- C. Hippocastanaceae
- D. Opposite, palmately compound leaves
- E. Ohio

17.

- A. Pitch pine
- B. *Pinus rigida*
- C. Pinaceae
- D. Christmas trees

Tie Breakers:

Grade these questions only for teams that have the same score

1. What is Pando? **Clonal colony (vegetative propagation from a single male quaking aspen tree) that has been in existence for 80,000 years.**
2. Where is it found? **Fishlake National Forest in Utah**
3. What is the scientific name of this tree? **Populus tremuloides**
4. What is an old growth forest? **Old growth means a forest that has not undergone any major unnatural changes (such as logging) for more than 100 to 150 years, contains young, mature and standing dead trees (snags) and provides a home for a diversity of wildlife species.**
5. Which state has the most old growth forests? **California**