**Week One – Introduction to Tree Biology Quiz**

1. **Trees need to grow tall in order to:**
   1. **Maximize their value to people**
   2. **Outgrow the decay organisms that tend to feed on them**
   3. **Improve their ability to capture sunlight so that they can photosynthesize**
   4. **Keep their leaves from getting wet**
2. **Compartmentalization is a term that is used in arboriculture to describe how:**
   1. **Trees take advantage of environmental resources**
   2. **Trees are able to wall off decay organisms**
   3. **Trees separate their bark from their wood**
   4. **Roots behave differently from branches**
3. **The term that is used to describe trees tendency to grow towards the light is:**
   1. **Photosynthesis**
   2. **Phototropism**
   3. **Phytophthora**
   4. **Photography**
4. **All fungi are harmful to trees.**
   1. **Yes – because most tree diseases are caused by fungi**
   2. **Yes – because decay is caused by fungi**
   3. **No – the symbiotic relationship known as mycorrhiza is an example of a beneficial relationship**
   4. **No – the symbiotic relationship known as CODIT is an example of a beneficial relationship**
5. **Leaves are the only place where photosynthesis takes place on trees**
   1. **True**
   2. **False**
6. **Which of the following are examples of growth points in a tree:**
   1. **The vascular cambium between the bark and the tree**
   2. **The cork cambium within the bark**
   3. **The apical meristem within the buds and tips of the roots**
   4. **All of the above**
   5. **Only a and b**