

## Chapter 1: BOTANY QUIZ

(revised 11/2025)

Question		Answer
1. All of the following are functions of roots EXCEPT: a. Repel insects b. Absorb water and minerals c. Anchor plant d. Store food		
2. The water and mineral moving system in a plant stem is called the: a. Phloem b. Xylem c. Root hair d. Dioiceous		
3. Which of the following are specialized leaves and are often confused for petals of flowers? a. Tendrils b. Bracts c. Corms d. Rhizomes		
4. Which of the following are vegetative plant parts? a. Leaves b. Roots c. Stems d. All of the above		
5. In a flower, the _____ is the female part of the plant and consists of the stigma, the style, ovule, and ovary a. Pistil b. Stamen c. Filament d. Stem		
6. An apple is an example of a(n) a. Drupe b. Pome c. Berry d. Aggregate		

**BOTANY QUIZ continued**

<p>7. A seed consists of _____.</p> <ul style="list-style-type: none"><li>a. Seed coat</li><li>b. Endosperm</li><li>c. Embryo</li><li>d. All of the above</li></ul>		
<p>8. A <b>perfect flower</b> contains both the pistil (female) and stamen (male) parts.</p> <ul style="list-style-type: none"><li>A. True</li><li>B. False</li></ul>		
<p>9. The environmental factors that impact plant growth include:</p> <ul style="list-style-type: none"><li>a. Water</li><li>b. Light</li><li>c. Nutrition</li><li>d. Temperature</li><li>e. All of the above</li></ul>		
<p>10. Which ONE of the following is true of a plant 'cultivar'?</p> <ul style="list-style-type: none"><li>a. It is usually propagated sexually</li><li>b. It is selected for specific traits</li><li>c. Its name is always italicized</li><li>d. It is less hardy than a non-cultivar</li></ul>		
<p>11. Some variations of stems may be used as food:</p> <ul style="list-style-type: none"><li>a. True</li><li>b. False</li></ul>		