

Chapter 8: Plant Propagation Quiz

(revised 11/2025)

Question		
1. All seeds require light to germinate: a. True b. False		
2. Seeds may germinate poorly in heavy clay soils due to: a. Weight of soil on seeds b. Poor water retention c. Poor oxygen supply d. Poor nutrition		
3. Stratification consists of: a. Breaking the seed coat b. Soaking seeds in hot water c. Soaking seeds in acid solution d. Chilling the seed (embryo)		
4. A good medium for starting seeds indoor: a. Ordinary garden soil b. Sand c. Potting soil with added fertilizer d. A sterile soilless mix		
5. A rule of thumb for depth of planting seeds that don't need light to germinate is: a. One inch b. ¼ inch c. about twice the diameter of the seed d. Same as diameter of seed		
6. Most annuals and veggies started indoors prefer a daytime temperature of.: a. 65-70 degrees b. 75-85 degrees c. 85-95 degrees d. 45-55 degrees		
7. When should seedlings be transplanted? a. As soon as they emerge b. When they are three inches tall c. After first set of true leaves appears d. Whenever you want to		

PLANT PROPAGATION QUIZ continued

<p>8. Which one of the following may be used to prevent damping off?</p> <ul style="list-style-type: none">a. Keep wetb. Keep very dryc. Cool soild. Sterile soil		
<p>9. Asexual propagation can be the best way to maintain a species, especially using an outstanding individual plant of the species:</p> <ul style="list-style-type: none">a. Trueb. False		
<p>10. Making a small cut into a branch, adding rooting hormone, covering with sphagnum moss and clear plastic is which of the following types of propagation?</p> <ul style="list-style-type: none">a. Air layeringb. Cuttingc. Graftingd. Micro propagation		
<p>11. Plants that can be propagated by budding include:</p> <ul style="list-style-type: none">a. Fruit trees and ornamental treesb. Cactus and succulentsc. Tulip bulbsd. Ivy and other vines		