

Chapter 12 Practice Test

Write the word from column B that matches the description in column A.

A	B
1. male reproductive organ: _____	a) eggs
2. captures pollen grains: _____	b) stamen
3. are female sex cells: _____	c) ovary
4. contains male sex cells: _____	d) pistil
5. contains eggs: _____	e) stigma
6. female reproductive organ: _____	f) pollen
7. where pollen is stored: _____	g) anther

8. Use labelled sketches to show how each of these parts of the plant responds to the environment.

Leaf	Root	Stem
a)	b)	c)

Circle the best answer to describe each statement in questions 9 to 12.

9. Name the process during which plants make food.

- a)** perspiration **b)** evaporation **c)** respiration **d)** photosynthesis

10. Name the process during which plants release energy from glucose.

- a)** photosynthesis **b)** perspiration **c)** transpiration **d)** respiration

- 11.** Describe how gases are exchanged during respiration.
- a) plants take in glucose and release oxygen
 - b) plants take in carbon dioxide and release water
 - c) plants take in water and release oxygen
 - d) plants take in oxygen and release carbon dioxide and water

- 12.** Describe how gases are exchanged during photosynthesis.
- a) plants take in glucose and release carbon dioxide
 - b) plants take in carbon dioxide and release glucose and oxygen
 - c) plants take in oxygen and release water
 - d) plants take in water and release carbon dioxide

- 13.** Explain what these kinds of tubes do.
- a) xylem _____
 - b) phloem _____

- 14.** Complete the table with either the name of a plant part or its role.

Plant Part	Role
a)	grows into new plant
b) leaf	
c)	holds the plant and takes in water
d) fruit	

- 15.** Complete the organizer comparing asexual and sexual reproduction in plants. Give one similarity and two differences.

