

Chapter 12 Test

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

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

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

Stem	Root	Leaf
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) circulation b) evaporation c) photosynthesis d) respiration

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

- a) respiration b) photosynthesis c) perspiration d) vapourization

- 11.** Describe how gases are exchanged during photosynthesis.
- a) plants take in carbon dioxide and release oxygen and glucose
 - b) plants take in oxygen and release water
 - c) plants take in water and release carbon dioxide
 - d) plants take in glucose and release carbon dioxide
- 12.** Describe how gases are exchanged during respiration.
- a) plants take in carbon dioxide and release water
 - b) plants take in oxygen and release carbon dioxide and water
 - c) plants take in water and release oxygen
 - d) plants take in oxygen and release glucose
- 13.** Explain what these kinds of tubes do.
- a) phloem _____
 - b) xylem _____

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

Plant Part	Role
a) fruit	
b) root	
c)	has male and female sex organs
d)	carries out photosynthesis

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

