Structure and Function in Living Systems Name:

Flowers Period:

Use Chapter 12, Section 4 of your textbook to answer the questions below. The word bank can be used to fill out the sentences below.

female fruit male nectar ovary pistil pollen sepals stamen

Flowers (p.379)

_____ 1. Why do some plants have flowers?
a. for sexual reproduction
b. to capture energy from the sun
c. to make food
d. for protection

_____ 2. What often happens when animals and insects are attracted to flowers?
a. They pollinate the flowers.
b. They destroy the flowers.
c. They plant the flowers.
d. They give food to the flowers.

3. Many flowers make a fluid called _____ to attract birds and insects.

Sepals and Petals (p.379)

4. Flowers with pistils are _____ , and flowers with stamens are _____ .

5. The job of _____ is to protect flower buds.

_____ 6. What parts of the flower are broad, leaflike, colorful, and attract animals?
a. sepals b. petals c. roots d. seeds

Stamens and Pistils (p.380)

7. The male part of a flower is called the _____ .

8. The female part of a flower is called the _____ .

9. The part of a flower that contains the ovules is the _____ .

10. At the very top of the stamen, _____ is produced.

11. The ovary of a flower develops into a _____.

The Importance of Flowers (p.380)

_____ 12. has a flower that can be eaten
a. cloves

_____ 13. its flower can be used to make tea
b. broccoli

_____ 14. the flowers can be used as a spice
c. chamomile