

## Chapter 27 Worms and Mollusks

## Chapter Vocabulary Review

**Multiple Choice** *On the lines provided, write the letter of the answer that best completes the sentence or answers the question.*

\_\_\_\_\_ 1. What is the name of the fluid-filled body cavity that is lined with mesoderm?

- a. digestive tract
- b. nephridium
- c. coelom
- d. pharynx

\_\_\_\_\_ 2. Which of the following has a pharynx, flame cells, and eyespots?

a.



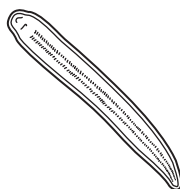
flatworm

c.



roundworm

b.



annelid

d.



mollusk

\_\_\_\_\_ 3. What is the term for groups of nerve cells in the head region of a flatworm?

- a. ganglia
- b. mantles
- c. seta
- d. visceral mass

\_\_\_\_\_ 4. Which of the following is the reproductive process in which an organism splits in two and each half grows new parts to become a complete individual?

- a. larva
- b. fission
- c. scolex
- d. hermaphroditism

\_\_\_\_\_ 5. An eyespot detects changes in

- a. sound.
- b. light.
- c. temperature.
- d. water currents.

\_\_\_\_\_ 6. What is the term for one of the segments that make up most of a tapeworm's body?

- a. a scolex
- b. a testis
- c. a proglottid
- d. a cyst

\_\_\_\_\_ 7. What is the term for a body cavity that is only partially lined with mesoderm?

- a. a coelom
- b. a scolex
- c. a cyst
- d. a pseudocoelom

\_\_\_\_\_ 8. What is the posterior opening of a roundworm called?

- a. a testis
- b. a gizzard
- c. a septum
- d. an anus

- \_\_\_\_\_ 9. What is a bristle that is attached to a segment of an annelid called?
- a. a septum                                      c. a gill  
b. a seta    d. a ganglion
- \_\_\_\_\_ 10. What structures can be found in the digestive system of an annelid?
- a. a gullet and a crop                          c. a crop and a gill  
b. a crop and a gizzard                        d. a gizzard and a gill

**Short Answer** *On the lines provided, answer the following questions.*

11. Describe how a flatworm uses its pharynx.

---

- 12. What are the characteristics of a hermaphrodite?**

---

- 13.** What is the function of an adult tapeworm's scolex?

---

14. Where are the septa of an annelid found?

---

- 15.** In what kind of circulatory system does blood never leave the blood vessels?

---

16. Describe the function of nephridia.

---

17. What role does a clitellum have in reproduction in an annelid?

---

18. What is a trochophore?

---

- 19.** What tongue-shaped structure do snails use to feed?

---

---

---

- 20.** What tubelike structure enables an octopus to propel itself through water?

---