

## 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                      c. coelom  
b. nephridium                          d. pharynx

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

a.



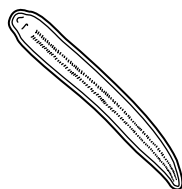
flatworm

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                                  c. seta  
b. mantles                                  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                                      c. scolex  
b. fission                                      d. hermaphroditism

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

- a. sound.                                      c. temperature.  
b. light.    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                                      c. a proglottid  
b. a testis                                      d. a cyst

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

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

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

- a. a testis                                      c. a septum  
b. a gizzard                                      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.

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

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

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- 14.** Where are the septa of an annelid found?

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

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- 16.** Describe the function of nephridia.

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

18. What is a trochophore?

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

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

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