**Roundworms** (p. 633 – 634)

**I. Roundworms**

**1. Roundworms make up the phylum \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**2.** **What type of worms are roundworms?**

Circle One : Acoelomates Coelomates Pseudocoelomates

**3. How does the fluid-filled cavity assist with circulation, respiration, and digestion in**

**roundworms?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**4.** **What type of digestion do roundworms exhibit?**

Circle One : One-Way Two-Way

**5. What two structures form a protective layer of a roundworm?**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6. What pulls against the cuticle and pseduocoelom to create a whipping motion?**

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**7. What is the size range of roundworms?**

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**8. Most roundworms are free-living predators.**

Circle One : True False

**9. Do roundworm reproduce sexually or asexually?** *(Not in the book.)*

Circle One : Sexually Asexually

**10. What can roundworms’ sense organs detect?** *(Not in the book.)*

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**II. Roundworm Infections**

**1. Which part of plants do plant roundworms infect?**

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**2. What effects do roundworm infections have on plants?**

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**3. For each roundworm, identify the disease caused, and how the disease is spread.**

*(Not all information is in the book.)*

*Ascaris*

Disease Caused : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Transmission : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Trichinella*

Disease Caused : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Transmission : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hookworms

Disease Caused : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Transmission : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Filarial Worms

Disease Caused : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Transmission : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Heartworms

Disease Caused : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Transmission : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**4. Circle the letter of each sentence that is true about the life cycle of *Ascaris*.**

a. Larvae in the lungs are coughed up and swallowed.

b. The eggs develop into larvae in the lungs.

c. Larvae bore through the intestines and enter the bloodstream.

d. Infections result in respiratory distress, and blockage of the pancreas & gall bladder.

**5. How large can adult *Ascaris* grow in size?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6. What is the primary host of *Trichinella* roundworms?**

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**7. How can humans avoid getting trichinosis?**

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**8. How do hookworms infect humans?**

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