**Flatworms** (p. 629 – 632)

**I. Flatworms**

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

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

 Circle One : Acoelomates Coelomates Pseudocoelomates

 **3. Flatworms have tissues organized into organs.**

 Circle One : True False

 **4. Describe a flatworm’s body structure.**

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 **5. Since flatworms are very thin, what cellular process occurs to perform essential functions?**

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

 **6. Circle the letter of each system that is present in flatworms.**

 a. Digestive System

 b. Respiratory System

 c. Circulatory System

 d. Reproductive System

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

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

**II. Planarian** *(Up Close Section p. 630)*

 **1. Match the planarian anatomical terms with the correct definitions.**

 1. \_\_\_\_\_\_\_\_ Ganglia A. Ladder-like structure; connects muscles to brain.

 2. \_\_\_\_\_\_\_\_ Eyespot B. Muscular tube near the mouth.

 3. \_\_\_\_\_\_\_\_ Nerve Cords C. Digestive tract with an attached mouth.

 4. \_\_\_\_\_\_\_\_ Pharynx D. Group of nerve cells known as a brain.

 5. \_\_\_\_\_\_\_\_ Gastrovascular Cavity E. Cells that remove excess water and wastes.

 6. \_\_\_\_\_\_\_\_ Flame Cells G. Group of cells sensitive to light.

 **2. Planaria are capable of asexual reproduction only.**

 Circle One : True False

 **3. What type of digestion do planaria exhibit?** *(Not in the book.)*

 Circle One : One-Way Two-Way

**III. Turbellaria**

 **1. What types of flatworms are assigned to the Class Turbellaria?**

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 **2. Circle the letter of each sentence that is true about turbellarians.**

 a. Most live in marine or fresh water.

 b. Most are the same color, form, and size.

 c. Most are bottom dwellers.

 d. The most studied are the planarians.

**IV. Cestoda**

 **1.** **What types of flatworms are assigned to the Class Cestoda?**

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 **2. What are members of the Class Cestoda commonly called?**

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 **3. How does a tapeworm parasitize a host?**

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 **4. Define the term proglottids.**

 Proglottids –

 **5. How long can tapeworms grow in size? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **6. How can you avoid getting beef tapeworm (*Taenia saginata*)?**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**V. Trematoda**

 **1.** **What types of flatworms are assigned to the Class Trematoda?**

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 **2. Define the term flukes and tegument.**

 Flukes –

 Tegument –

 **3. How does a fluke parasitize a host?**

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 **4. How does the blood fluke, *Schistosoma mansoni*, infect humans?**

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