

016

Chapter 15: Pseudocoelomate Animals

Pages 304-314

1. List eight characteristics that distinguish pseudocoelomates from other animals.
2. What are some adaptive advantages of a pseudocoel compared to the acoelomate condition?
3. Explain the difference between a pseudocoel and a true coelom.
4. Describe the interaction of the cuticle, body-wall muscles, and pseudocoelomic fluid in the locomotion of nematodes.

5. What is a hydrostatic skeleton?

6. Outline the lifecycle of each of the following: *Ascaris lumbricoides*, Hookworm, *Enterobius vermicularis*, *Trichinella spiralis*, *Wuchereria bancrofti*.

7. Where in the human body are the adults of each species in question 6 found?