**Ch. 34: Coelomate Invertebrates**

1. List the defining features of phylum Mollusca.
2. Describe representatives of the four best-known groups of mollusks.
3. Explain the distinguishing features of cephalopods.
4. Describe the two characteristics that place nemerteans with mollusks in the lophotrochozoa.
5. Explain how circular and longitudinal muscles in a segmented body facilitate movement.
6. Distinguish between the classes Polychaeta and Clitellata
7. Describe adaptations in leeches for feeding on the blood of animals.
8. Describe the lophophore and its function.
9. Distinguish between bryozoans and brachiopods.
10. Name the key features of arthropods.
11. List the four extant classes of arthropods and a characteristic that distinguishes them from one another.
12. Describe the advantages and drawbacks of an exoskeleton.
13. Explain what is meant by pentaradial symmetry.
14. Describe the five extant classes of echinoderms.

