Phylum Cnidaria

Name:

Use pages 669 – 675 to complete the following questions.

1. What is a cnidarian?
2. List three general characteristics of this phylum.
3. Describe two stages in the life cycle of cnidarians. Provide an organism that is associated with each stage.



1. Label the following diagrams.



1. a) What is a nematocyst?

b) Where are they located?

c) Describe how a Cnidarian consumes its prey once caught.

1. Describe how Cnidarians perform the following functions:
2. Internal transport
3. Responding to the environment
4. Movement
5. Reproduction
6. Which life cycle is dominant in each of the following Cnidarian classes?
7. Hydrozoa \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Scyphozoa \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. Anthozoa \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. Describe the lifestyle of members of class hydrozoa.
11. a) Identify this organism to the right.

b) What makes it so unique?

c) Do these organisms pose a danger to humans?

1. Label each of the stages in the life cycle of an Aurelia jellyfish.



1. How large can jellyfish grow?
2. What is the skeleton of coral made of?
3. How does a coral reef grow?