Name:

Date:

1. Where does the sturdiness of a star fish’s body come from?

a. Bones

b. The use of sand from the sea floor

c. Solid spines and plates on the skin

d. None of the above

2. Out of the five strip-like ambulacral areas, how many have numerous tube feet on the lower surface?

a. 1

b. 2

c. 3

d. 4

3. How many tentacles do sea cucumbers have?

a. 50-100

b. 10-30

c. 25-50

d. 100+

4. In theory, what is the main ancestor of dogs?

a. Saber tooth tiger

b. European wolf

c. Dire wolf

d. None of the above

5. About how many more bones do dogs have than humans?

a. 100

b. 50

c. 10

d. About the same amount

6. What is the only known predator of the GWS?

a. White whale

b. Orca whale

c. Octopus

d. Humans

7. How many pairs of claws do lobsters have?

a. 1

b. 3

c. 5.

d. 2

8. Which of the following is not a function acted out by sea cucumbers?

a. Help recycle nutrients

b. Break down detritus

c. Break down other particles for bacteria

d. Produce sand grains

9. Which of the following creatures aren’t known for consuming sea urchins?

a. sea otters

b. triggerfish

c. lion fish

d. wolf eels

10. At the oldest stage of its life, which of the following is not on a mantis’s menu?

a. bird

b. fish

c. fly

d. snake

11. What is the main function of the exoskeleton of a lobster?

12. What does the Greek word *echinóderma* translate to?

13. Describe the difference between the growth of shark teeth and the growth of human teeth.

14. Describe the process of molting.

15. What is the definition of detritus?