

Name:

Date:

## ***Science Test***

### ***Sponges***

**A). Read item carefully. Choose the correct answer or write the answer in the blank. (5 pts)**

1). Which of the following best defines an invertebrate?

- |                                 |  |
|---------------------------------|--|
| (a) animals with backbones      | (b) an animal that crawls                  |
| (c) an animal without backbones | (d) an animal that spreads germs & disease |

2). Sponges are covered with tiny holes. What are these holes called?

- |            |             |           |           |
|------------|-------------|-----------|-----------|
| (a) Spores | (b) stomata | (c) pores | (d) vents |
|------------|-------------|-----------|-----------|

3). A sponge has \_\_\_\_\_ layers of cells.

4). The needle-like part gives the sponge its \_\_\_\_\_.

- |           |             |           |           |
|-----------|-------------|-----------|-----------|
| (a) Color | (b) texture | (c) shape | (d) cells |
|-----------|-------------|-----------|-----------|

5). Define the term asexual reproduction.

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**B). Write true or false to confirm each statement (5)**

6). Sponges have a skeleton. \_\_\_\_\_

7). Sponges usually live-in salt water. \_\_\_\_\_

8). Sponges have 5 layers of cells. \_\_\_\_\_

9). Sponges comes in different  
Shapes, colors, and sizes. \_\_\_\_\_

10). Sponges can swim in the ocean \_\_\_\_\_

**C). Read the facts below and match the letter with the number.**

**Fact 1:** There are over 5 000 kinds of sponges. Sponges come in many different shapes, colors, and sizes

**Fact 2:** Sponges were first thought to be plants.

**Fact 3:** To get food, sponges pump water into their bodies through pores, or holes, and eat tiny plants and animals they strain out the water.

**Fact 4:** Adult sponges live attached to rocks, plants, or other objects in water.

**Fact 5:** Most sponges live in salt water

**Fact 6:** Sponges have skeletons of hard material, but they have no backbones.

a. \_\_\_\_\_ How many kinds of sponges are there?

b. \_\_\_\_\_ In what kind of water do most sponges live?

c. \_\_\_\_\_ Do sponges have backbones?

d. \_\_\_\_\_ What do sponges eat?

e). \_\_\_\_\_ Do adults sponges move from place to place?