

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?

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|---------------------------------|--|
| (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.

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?