Cell Structure and Function Quiz

1. Prokaryotic cells have a nucleus.

a. True

b. False

2. Eukaryotic cells can be found in:

a. animals

b. plants

c. fungus

d. all of the above

3. The cytoskeleton is made up of:

a. bones

b. microtubules

c. microfilaments

d. b and c

e. all of the above

4. List 2 organelles that can be found only in plant cells:

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5. Cells can be defined as: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Mitochondria:

a. make proteins

b. packages and ships proteins out of the cell

c. regulate materials coming in and out of the cell

d. produce energy for the cell

7. The cell nucleus:

a. contains enzymes that break down materials

b. is a transportation route for protiens

c. contains and regulates DNA and RNA

d. is the site of photosynthesis