

The Six Kingdoms

Name _____ Per _____

Assignment: Read Section 17.3, pp. 499 - 503 and write down information as requested.

1. Name the 6 Kingdoms of living organisms.

2. Use the Greek dictionary, pg. 1124 and define “eu”, “pro”, and “kary”.

3. Use the glossary and write the definition for “**prokaryotic cell**” –

4. Use the glossary and write the definition for “**eukaryotic cell**” –

5. How many bacteria are there?

6. On page 500, second paragraph, besides the fact that they are ‘old’, what are the ancient bacteria called? Why?

7. What are the three broad groups of protists? Describe how each group gets its nourishment (-*troph* type).
 - a.
 - b.
 - c.

8. Identify 4 characteristics of fungi
 - a.
 - b.
 - c.
 - d.

9. a. Are plants uni- or multicellular?
- b. How do most plants get their nourishment?
- c. Plants are unique because of cellulose (chapter 6.4). What kind of macromolecule is it, what is its function, and specifically where in the plant is it found?
- d. What are three plant organs?
10. a. Identify four characteristics all animals share.
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- b. How are animal cells organized and for some animals, how are these things (from the first part of this question) organized?
11. On page 509, do question numbers 29 and 32
- (29). _____
- (32).