

2025 Fall BIOL 1209

Quiz 07

Name: _____

Section: _____

Date: _____

Time: 10 min

Max. points: 10

1. Two ways protists (Protista) can be organised are by their modes of nutrition and locomotion. Name one mode of nutrition and one mode of locomotion found in this group. (2 pt)

2. What taxonomic level (Domain - Kingdom - Phylum/Group) do the following names belong to? (3 pt)
 - a. Archaea _____
 - b. Protista _____
 - c. Diatoms _____
 - d. Eukarya _____
 - e. Ciliates _____
 - f. Radiolarians _____

3. What do animals and fungi have in common? (Hint: recall the systematic tree for Kingdoms.) (1 pt)

4. A student is using a 40x objective lens in a microscope with a 10x eyepiece. Answer:
 - a. What is the total magnification of the microscope? _____ (1 pt)
 - b. The study protocol requires a total magnification of 100x. Which objective lens should the student switch to? _____ (1 pt)

5. Fill in the blank boxes in Figure 9-2: (2 pt)

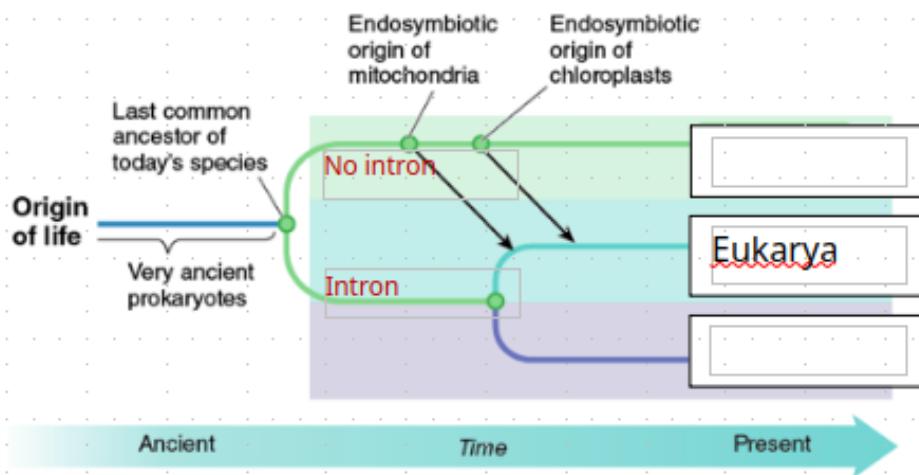


Figure 9-2. The three domains showing their phylogenetic relationship.