

2025 Fall BIOL 1209

Quiz 07

Name: _____

Section: _____

Date: _____

Time: 10 min

Max. points: 10

- 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)**
- What taxonomic level (Domain - Kingdom - Phylum/Group) do the following names belong to? **(3 pt)**
 - Archaea _____
 - Protista _____
 - Diatoms _____
 - Eukarya _____
 - Ciliates _____
 - Radiolarians _____
- What do animals and fungi have in common? (Hint: recall the systematic tree for Kingdoms.) **(1 pt)**
- A student is using a 40x objective lens in a microscope with a 10x eyepiece. Answer:
 - What is the total magnification of the microscope? _____ **(1 pt)**
 - The study protocol requires a total magnification of 100x. Which objective lens should the student switch to? _____ **(1 pt)**
- Fill in the blank boxes in Figure 9-2: **(2 pt)**

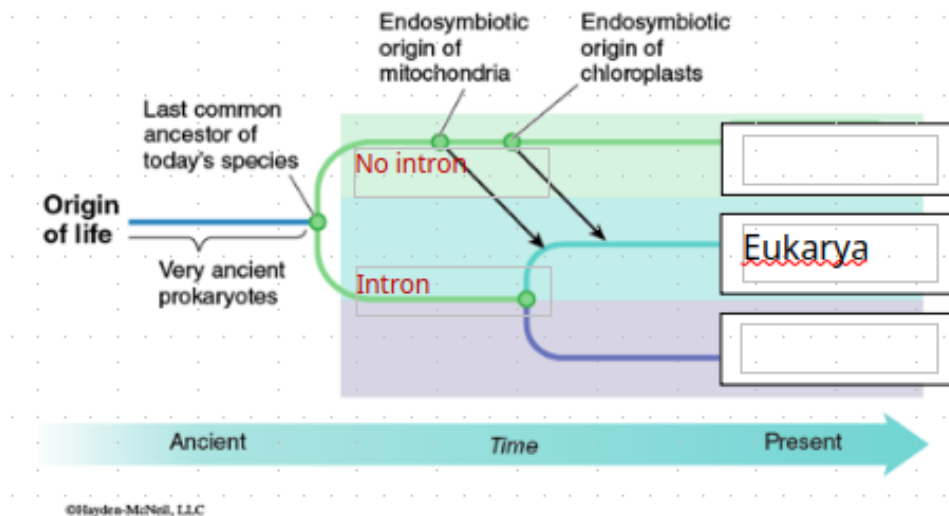


Figure 9-2. The three domains showing their phylogenetic relationship.