

Quiz Outline: The Cell & Microscope

- What are the 8 characteristics of all living things?
- What is a prokaryotic and eukaryote cell? What differences do they contain?
- How did the paradigm shift from spontaneous generation to current day cell theory occur? What experiments lead to it and what results occurred from them?
- Explain what the cell theory is including what 3 statements make it up.
- What contributions were made to the development of the cell theory with respect to the discovery of the microscope?
- Indicate the cell's organelles and their functions. What are the differences between plant and animal cells?
- Microscopes: 2 types, magnification, field of view, parts of