

Unit 2 Cell Biology Quiz Answer Key PDF

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What is the primary function of ribosomes in a cell?

- A. Energy production
- B. Protein synthesis ✓**
- C. DNA replication
- D. Lipid synthesis

Which of the following organelles are found in both plant and animal cells?

- A. Nucleus ✓**
- B. Chloroplast
- C. Mitochondria ✓**
- D. Cell Wall

Explain the differences between prokaryotic and eukaryotic cells, focusing on their structural and functional distinctions.

Prokaryotic cells are unicellular organisms that do not have a defined nucleus or organelles, while eukaryotic cells are more complex, containing a nucleus and various organelles that perform specific functions.