

Membrane-bound cell organelles such as plastids, mitochondria, endoplasmic reticulum, Golgi apparatus, etc. are absent.

Cell organelles such as mitochondria, plastids, endoplasmic reticulum, Golgi apparatus, lysosomes, etc. are present.

Cell division occurs only by mitosis.

Cell division occurs by mitosis and meiosis.

Prokaryotic cells are found in bacteria and blue-green algae.

Eukaryotic cells are found in fungi, plants, and animal cells.

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3. What would happen if the plasma membrane ruptures or breaks down?

Answer

If the plasma membrane ruptures or breakdown then the cell will not be able to exchange material from its surrounding by diffusion or osmosis. Thereafter the protoplasmic material will be disappeared and the cell will die.