

SECTION 1

1. What are the key contributions about our understand of cells from the following scientists?
 - a. R. Hooke -
 - b. R. Virchow -
 - c. T. Schwann -
 - d. M. Schleiden -
 - e. A. von Leewenhook -
2. List the three key components of the cell theory
3. Briefly description the function and structure of the following key cell organelles
 - a. Cell Membrane
 - b. Rough Endoplasmic Reticulum
 - c. Smooth Endoplasmic Reticulum
 - d. Nucleus
 - e. Mitochondria
 - f. Golgi
 - g. Ribosome
 - h. Cilia
 - i. Flagella
 - j. Lysosome
 - k. Chloroplast
 - l. Cell Wall
 - m. Central Vacuole
4. Which organelles from above are unique to plant cells?