

Secondary Level
Science and Technology
Chapter 21: Building Blocks of Life cell and Tissues

1. “Cells are the basic structural units of living organisms”. Justify the statement?
2. Draw a typical cell. Label important organelles.
3. Differentiate between prokaryotic and Eukaryotic Cell.
4. Give one function each of the following organelles:
 - Mitochondria
 - Endoplasmic reticulum
 - Ribosomes
 - Nucleus
 - Golgi bodies
 - Lysosomes
5. Name three kinds of permanent tissues found in plants? Write one function of each?
6. State the stages and significance of meiosis?
7. With the help of diagram of animal and plant cells. State the points of difference between them?
8. Draw a sketch of the human nerve cell. What function do nerve cells perform?
9. Mention the different types of Connective tissues? Give one function of each?
10. Write a note on “Stem Cell Technology”? Give its two uses in disease control?

