

EXERCISE 4 – CELL ANATOMY & ORGANOLOGY

OBJECTIVE 1:

1. To define cell, cytoplasm, and nucleus.
2. To identify the following cellular regions and/or located major biomolecules: nucleus, cytoplasm, and plasma membrane.
3. To identify and describe major functions of the various organelles present.
4. To compare the eukaryotic cells with the prokaryotic cell (prokaryotic cell).
5. To define prokaryotic, eukaryotic, and eukaryotic.
6. To list the stages of mitosis and describe the structure of prokaryotic.
7. To identify the major proteins, enzymes, and lipids.
8. To explain the importance of cellular cell structure and its function.

OBJECTIVE 2: IDENTIFYING PARTS OF A CELL

Students should be able to identify:

Cell structure and function.

OBJECTIVE 3: COMPARING EUKARYOTIC CELL STRUCTURES

Identify various cell structures, organelles, and organelles:

Cell and organelle structure

- cytoplasmic cells from various (prokaryotic and eukaryotic)
- cytoplasmic cells (prokaryotic and eukaryotic)
- cytoplasmic cells (prokaryotic and eukaryotic)
- cytoplasmic cells (prokaryotic and eukaryotic)

OBJECTIVE 4: IDENTIFYING THE FUNCTION OF ORGANOLOGY

Identify various cell structures and cell structures, including organelles:

- cytoplasm
- mitochondria
 - cytoplasm
 - mitochondria
 - cytoplasm
 - mitochondria
- cytoplasm

Identify various cell structures and organelles:

Cell and organelle structure

OBJECTIVE 5: IDENTIFYING THE FUNCTION OF ORGANOLOGY

Identify various cell structures and organelles:

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Laying the Foundation



Marieb Lab Manual Key Mitosis:

Embracing the Track of Appearance: An Psychological Symphony within **Marieb Lab Manual Key Mitosis**

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