

Life Science

Student Name _____

Vocabulary Lists for Chapters 1A, 2A, 3A, 4A and 5A

Chapter 1A: The Cell

1.1, Part 1:

1. Unicellular
2. Multicellular
3. Microscope
4. Bacteria

1.1, Part 2:

1. Cell
2. Genetic material
3. Organism
4. Theory

1.2, Part 1:

1. Cell membrane
2. Cytoplasm
3. Nucleus
4. Eukaryotic cell
5. Prokaryotic
6. Organelle
7. Cell wall

1.2, Part 2:

1. Chloroplast
2. Mitochondria
3. Central vacuole
4. Endoplasmic reticulum
5. Ribosomes
6. Golgi apparatuses
7. Vesicles
8. Lysosomes

1.3:

1. Specialization
2. Tissue
3. Organ

Chapter 2A: How Cells Function

2.1:

1. Chemical reaction
2. Carbohydrate
3. Lipid
4. Protein
5. Nucleic acid

2.2:

1. Chemical energy
2. Glucose
3. Photosynthesis
4. Chlorophyll
5. Cellular respiration
6. Fermentation

2.3:

1. Diffusion
2. Passive transport
3. Osmosis
4. Active transport

Chapter 3A: Cell division

3.1:

1. DNA
2. Chromosome

3.2:

1. Cell cycle
2. Interphase
3. Mitosis
4. Cytokinesis

3.3:

1. Asexual reproduction
2. Binary fission
3. Regeneration

Chapter 4A: Patterns of Heredity

4.1:

1. Sexual reproduction
2. Gene
3. Heredity
4. Allele
5. Phenotype
6. Genotype
7. Dominant
8. Recessive

4.2:

1. Punnett square
2. Ratio
3. Probability
4. Percentage

4.3:

1. Gamete
2. Egg
3. Sperm
4. Fertilization
5. Meiosis

Chapter 5A: DNA and Modern Genetics

5.1:

1. Replication
2. RNA

5.2:

1. Mutation
2. Pedigree

5.3:

1. Selective breeding
2. Genetic engineering
3. Genome
4. Cloning