**Biology Mid-Term Vocabulary**

Biology

Organism

Organization

Reproduction

Species

Growth

Development

Environment

Stimulus

Response

Homeostasis

Energy

Adaptation

Evolution

Scientific Methods

Hypothesis

Experiment

Control

Independent Variable

Dependent Variable

Theory

Ethics

Technology

Acid

Atom

Base

Compound

Covalent Bond

Element

Ion

Isotope

Mixture

Molecule

Metabolism

Nucleus

pH

Solution

Diffusion

Amino acid

Enzyme

Hydrogen bond

Dynamic equilibrium

Lipids

Nucleic acid

Nucleotide

Peptide bond

Polymer

Polar molecule

Protein

Cell

Compound Light Microscope

Cell Theory

Organelle

Fluid Mosaic Model

Nucleus

Electron Microscope

Prokaryote

Eukaryote

Selective Permeability

Plasma Membrane

Transport Protein

Cell Wall

Endoplasmic Reticulum

Chromatin

Golgi Aparatus

Ribosome

Cytoplasm

Microfilament

Vacuole

Lysosome

Mitochondria

Chloroplast

Chlorophyll

Cytoskeleton

Microtubule

Cilia

Flagella

Osmosis

Plasma Membrane

Endocytosis

Active Transport

Isotonic Solution

Exocytosis

Hypotonic Solution

Facilitated Diffusion

Passive Transport

Hypertonic Solution

Cancer

Organ system

Gene

Centromere

Mitosis

Tissue

Chromatin

Organ

Cell cycle

Chromosome

Centriole

Sister chromatid

Metaphase

Telophase

Interphase

Anaphase

Prophase

ATP

Photosynthesis

Phospholipid

Nucleolus

Plastid

Carbohydrate

Isomer

Ionic Bond

Alcoholic Fermentation

Lactic Acid Fermentation

NADP+

Light-dependent reactions

Spindle fiber

Law of Segregation

Law of Independent Assortment

Genetic Recombination

rRNA

mRNA

Frameshift mutation

Chromosomal mutation

Hybrid

Cytokinesis

ADP

Pigment

Light-independent reactions

Chlorophyll

Electron transport chain

Photolysis

Calvin cycle

Cellular respiration

Anaerobic

Aerobic

Glycolysis

Citric acid cycle

Recessive

Gamete

Pollination

Trait

Fertilization Heredity

Genetics

Dominant

Genotype

Allele

Heterozygous

Phenotype

Zygote

Homozygous

Diploid

Sperm

Crossing over

Meiosis

Egg

Nondisjunction

Haploid

Homologous chromosome

Sexual reproduction

Nitrogenous base

Codon

Point mutation

DNA replication

Mutation

Double helix

Transcription

Transfer RNA

Mutagen

Translation