

## Life Science Second Semester Exam Review

(all exam questions are taken from tests; highlight the question if the term is part of the question or part of the correct answer) No diagrams on exam.

C5L1 Quiz  
dominant trait  
genetics  
heredity  
hybrid  
Mendel  
recessive trait  
trait

C5L2 Quiz  
alleles  
codominance  
first filial generation  
gene  
heterozygous  
incomplete dominance  
multiple alleles  
pedigree  
phenotype  
punnett

C5L3 Quiz  
amino acids  
bases found in DNA  
genes  
nucleotide  
parts of a nucleotide  
protein  
protein synthesis  
replication  
transcription  
uracil

Chapter 20  
consumers  
evaporation  
law of conservation of energy  
nitrogen fixation  
photosynthesis  
transpiration  
trophic  
water cycle  
web

Chapter 21  
biosphere  
commensalisms  
community  
community and an ecosystem  
detritivore  
ecosystem  
ecological levels of organization  
host  
mutualism  
niche  
parasitism  
population  
population and a community  
symbiosis  
threatened, endangered, extinct

Chapter 22  
climax community  
ecological succession  
estuaries  
freshwater ecosystem  
pioneer species  
salinity  
saltwater ecosystems  
taiga  
tropical rain forest

Flowers/Natural Selection/Selective Breeding Quiz  
anther  
carpel (pistil)  
ovule  
natural selection  
pollination  
selective breeding  
stamen

## Human Body Systems

**Integumentary System:** protects the body from injury and bacteria;  
(organs/parts: skin)

**Muscular System:** movement of body and internal organs  
(organs/parts: muscles, tendons)

**Skeletal System:** protection; site for bone attachment for movement; stores calcium and phosphorus;  
makes blood cells in marrow; provides support of body  
(organs/parts: bones, ligaments, cartilage)

**Digestive System:** breaks down food into usable nutrients for the body to absorb and convert into energy  
(organs/parts: mouth, teeth, tongue, esophagus, stomach, small intestine, large intestine, rectum, anus, liver, gallbladder, pancreas)

**Circulatory (Cardiovascular) System:** transports nutrients, waste, and disease fighting cells throughout the body  
(organs/parts: blood, arteries, veins, capillaries, heart)

**Lymphatic System:** filters and returns lymph to the bloodstream; helps fight off illness and infections  
(organs/parts: lymph nodes (thymus, tonsils, spleen), lymph, lymphatic vessels)

**Immune System:** fight and kill pathogens  
(organs/parts: skin, stomach, white blood cells/leucocytes)

**Respiratory System:** intake of oxygen and removal of carbon dioxide from the body  
(organs/parts: trachea, larynx, bronchi, bronchioles, lungs, alveoli, diaphragm)

**Urinary System:** controls water and salt balance in blood, filters and removes cell waste from the blood  
(organs/parts: kidneys, nephrons, ureters, bladder)

**Reproductive System:** produces sperm and ova (eggs) to procreate  
(organs/parts: ovaries, fallopian tubes, uterus, testes, penis)

**Endocrine System:** produces hormones and regulates the body  
(organs/parts: pituitary gland, adrenal gland, thyroid gland, ovaries, testes)

**Nervous System:** controls the body's activities and reacts to environmental stimuli  
(organs/parts: spinal cord, brain, nerves, skin, eyes, ears, tongue, nose)

## Chapter 4 Quizzes

Don't need to know phases of meiosis and what happens in each phase.

23

46

diploid

fertilization

fission

fragmentation

meiosis

mitosis

ova

regeneration

sexual

sperm

spore

zygote