

Life Science First 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)

Chapter 0

critical thinking
conclusion
hypothesis
inference
observation
prediction
science
science journal
scientific theory
SI
SI base unit
significant digits
symbol and meaning of each prefix
technology

Chapter 1

basic levels of classification
binomial
binomial nomenclature
domains
Carolus Linnaeus
cells
classify
dichotomous
genus
homios
homeostasis
Kingdoms
organisms
Robert Hooke
reproduction
stimulus

Chapter 2

active transport
aerobic respiration
anaerobic cellular respiration
cell membrane
cell theory
cellular respiration
cell wall
chlorophyll
chloroplasts
cytoplasm
cytoskeleton
diffusion
DNA
equation for aerobic cellular respiration
equation for photosynthesis
facilitated diffusion
fermentation
Golgi apparatus
Golgi bodies
lysosome
mitochondria
nucleic acids
nucleus
organelles
osmosis
parts of all cells
passive transport
photosynthesis
RNA
vacuoles

Chapter 3

animal
centromere
different types of cells
eukaryotic cell
fertilization
G1 stage
interphase
plant leaf
prokaryote
S stage
tissues
zygote

Chapter 4

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

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diploid

fertilization

fission

fragmentation

meiosis

mitosis

ova

regeneration

sexual

sperm

spore

zygote