

Concepts to Know From Text

Anything we've discussed in class is fair game for the exam. Study your notes and related text material carefully. The exam will also cover some concepts that are only covered in the text. To make your review of this text-only material more manageable, the exam will focus on some concepts that appear in **bold** in your text. I've listed below concepts from your text that I'd like you know. You'll notice that most of these are familiar, as we covered them in class. Those marked by an asterisk should be less familiar as we didn't cover them in class. These concepts are also fair game for the exam.

Module 1

Behaviorism
Humanistic psychology
Psychology

Basic research *
Applied research *
Positive psychology

Module 3

Hypothesis
Operational definition
Replication *
Case study
Naturalistic observation
Survey
Population *
Random sample
Correlation
Correlation coefficient
Scatterplot *
Experiment
Experimental group
Control group

Random assignment
Double-blind procedure *
Placebo effect *
Independent variable
Confounding variable
Dependent variable
Mode *
Mean *
Median *
Range *
Standard deviation *
Normal curve *
Statistical Significance

Module 4

Neuron
Dendrites
Axon
Myelin sheath
Action potential
Threshold *
Synapse
Neurotransmitters (including Table 4.1)*
Reuptake *
Endorphins *
Parasympathetic nervous system
Reflex *

Nervous system
Central nervous system
Peripheral nervous system
Nerves
Sensory neuron
Motor neurons
Interneurons*
Somatic nervous system
Autonomic nervous system
Sympathetic nervous system
Endocrine system *
Hormones *

Module 5

Electroencephalogram (EEG) *

MRI *

fMRI *

brainstem

medulla

thalamus

reticular formation

cerebellum

limbic system

amygdala

hypothalamus

Module 6

Cerebral cortex

Glial cells

Frontal lobes

Parietal lobes

Occipital lobes

Temporal lobes

Motor cortex

Sensory cortex

Plasticity *

Neurogenesis *

Corpus callosum

Split brain