**Unit 3 Vocab Test**

1. Neuron J. Central Nervous System R. Cerebral Cortex
2. Dendrites K. MRI Scan S. Corpus Callosum
3. Axon L. Medulla T. Broca’s Area
4. Neurotransmitters M. Pons U. Wernicke’s Area
5. Synapse N. Reticular Formation V. Occipital Lobe
6. Action Potential O. Thalamus W. Endocrine System
7. Acetylcholine P. Hypothalamus X. Adrenal Glands
8. Dopamine Q. Hippocampus Y. Cerebellum
9. Peripheral Nervous System

1. \_\_\_\_ the sensory and motor neurons that connect the central nervous system to the rest of the body
2. \_\_\_\_ a nerve cell; the basic building block of the nervous system
3. \_\_\_\_ the junctions between the axon tip of the sending neuron and the dendrite or cell body of the receiving neuron.
4. \_\_\_\_ a neural center located in the limbic system; helps process explicit memories for storage
5. \_\_\_\_ the large band of neural fibers connecting the “two-brain” hemisphere and carrying messages between them
6. \_\_\_\_ a neural structure lying below the thalamus; it directs several maintenance activities (eating, drinking, body temperature) helps govern the endocrine system via pituitary gland, and is linked to emotion and reward.
7. \_\_\_\_ a neuron’s bushy, branching extensions that receive messages and conduct impulses towards the cell body
8. \_\_\_\_ the brain and the spinal cord
9. \_\_\_\_ the intricate fabric of interconnected neural cells covering the cerebral hemispheres; the body’s ultimate control and information-processing center.
10. \_\_\_\_ the neuron extension that passage messages through its branches to other neurons or to muscles or glands
11. \_\_\_\_ a nerve network that travels through the brainstem and thalamus and plays an important role in controlling arousal
12. \_\_\_\_ Neurotransmitter that influences movement, learning, attention, and emotion
13. \_\_\_\_ A technique that uses magnetic fields and radio waves to produce computer- generated images of soft tissue
14. \_\_\_\_ chemical messengers that cross the synaptic gaps between neurons
15. \_\_\_\_ just above the medulla, helps coordinate movements
16. \_\_\_\_ controls language expression- an area of the frontal lobe, usually in the left hemisphere, that directs muscle movement involved in speech
17. \_\_\_\_ a neural impulse; a brief electrical charge that travels down the axon
18. \_\_\_\_ the base of the brainstem; controls heartbeat and breathing
19. \_\_\_\_ the brain’s sensory control center, located at the top of the brainstem; it directs messages to the sensory receiving areas in the cortex and transmits replies to the cerebellum and medulla
20. \_\_\_\_ Neurotransmitter that enables muscle action, learning, and memory
21. \_\_\_\_ portion of the cerebral cortex lying at the back of the head; includes areas that receive information from the visual fields
22. \_\_\_\_ the body’s “slow” chemical communication system; a set of glands that secrete hormones into the bloodstream
23. \_\_\_\_ a pair of endocrine glands that sit just above the kidneys and secrete hormones (epinephrine and norepinephrine) that help arouse the body in times of stress
24. \_\_\_\_ controls language reception- a brain area involved in language comprehension and expression; usually in the left temporal lobe
25. \_\_\_\_ the “little brain” at the rear of the brainstem; functions include processing sensory input, coordinating movement output and balance, and enabling nonverbal learning and memory.

**Toss Up**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the tendency to believe, after learning an outcome, that one would have foreseen it.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a carefully worded statement of the exact procedures used in a research study
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the view that psychology should be an objective science that studies behavior without reference to mental processes.
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the extent to which a test yields consistent results
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ humanistic psychologist that stressed individual choice and free will

**Answer Key**

1. I
2. A
3. E
4. Q
5. S
6. P
7. B
8. J
9. R
10. C
11. N
12. H
13. K
14. D
15. M
16. T
17. F
18. L
19. O
20. G
21. V
22. W
23. X
24. U
25. Y
26. Hindsight Bias
27. Operational Definitions
28. Behaviorism
29. Reliability
30. Carl Rogers