

Unit 1 Quiz Answer Key

1. B. Refer to the reading “Chemical Bonds” in sub-subunit 1.1.1.
2. A. Refer to the reading “Chemical Bonds” in sub-subunit 1.1.1.
3. C. Please review the reading “Central Dogma of Biology” in sub-subunit 1.2.3.
4. D. Please review the reading “Central Dogma of Biology” in sub-subunit 1.2.3.
5. D. Refer to the reading “Neurons” in sub-subunit 1.3.1.
6. Functions: S: Sensory neuron, I: Interneuron, M: motor neuron

_____ **S** _____ converts external stimuli, such as touch or smell, into internal stimuli, which is processed in the brain.

_____ **M** _____ carry signals from the central nervous system to cause muscles to move.

_____ **I** _____ forms a connection between two other neurons

For more information, refer to the reading “Neurons” in sub-subunit 1.3.1.

7. A. Refer to the reading “Neurons” in sub-subunit 1.3.1.
8. D. Please review the reading “Neural Circuits” in sub-subunit 1.4.1.
9. B. Please review the reading “Central Nervous System (CNS)” in sub-subunit 1.4.2.
10. A: skin, B: heart, C: nose, D: liver, E: ear, F: kidney, G: tongue, H: brain, I: eye

Sense of smell _____ **C** _____
Sense of taste _____ **G** _____
Sense of touch _____ **A** _____
Sense of sight _____ **I** _____
Sense of hearing _____ **E** _____

For more information, refer to the reading “Effectors and Stimuli” in sub-subunit 1.4.4.

11. B. Please review the reading “Central Nervous System (CNS)” in sub-subunit 1.4.2.
12. The labels should appear as follows:
 1. A. Sagittal plane
 2. C. Coronal plane
 3. B. Transverse plane

For more information, refer to the reading “Neuroanatomical Terminology” in sub-subunit 1.4.5.

