**Chapter 7 Review**

1. What are the three main functions of the nervous system?
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What are the three kind of neurons?

1)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How does a message travel across the gap at a synapse?

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4) Draw a neuron in the space below. Label all of the parts AND write the direction of the nerve impulse.

1. What are the two organs of the central nervous system?

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1. What are the two groups of the peripheral nervous system and what kind of actions does each control?

a) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is one type of injury to the central nervous system in which the soft tissue of the brain bruises as it collides against the skull? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Draw a brain in the space below and label all the parts. Also, list the function (job) of each part.

9) What is the path light takes as it travels through the eye?

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1. What happens to the image when it strikes the retina?

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1. How does the ear help you maintain your balance?

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1. Draw an eye in the space below and label all the parts.
2. How are the sense of taste and the sense of smell related?

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1. How is the sense of touch different from the other senses?

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1. What are the five tastes that are recognized by the tastebuds?

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1. What different kinds of touch receptors are found in the skin?

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1. How are stimulants and depressants different? Give an example of each!

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Define drug: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_ 19) A change or signal in the environment that can make the nervous system react is called a

1. stimulus
2. response
3. nerve impulse
4. synapse

\_\_\_\_\_ 20) Which structure links the brain and the peripheral nervous system?

1. the cerebrum
2. the cerebellum
3. the cochlea
4. the spinal cord

\_\_\_\_\_ 21) Which structure adjusts the size of the pupil?

1. the cornea
2. the iris
3. the lens
4. the retina

\_\_\_\_\_ 22) Which organ works closes with your mouth to help the brain interpret taste?

1. the eyes
2. the ears
3. the nose
4. the skin

\_\_\_\_\_ 23) Physical dependence on a drug is called

1. a withdrawal
2. a response
3. an addiction
4. a tolerance