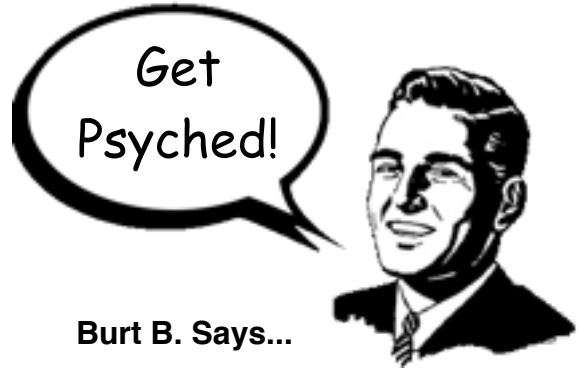


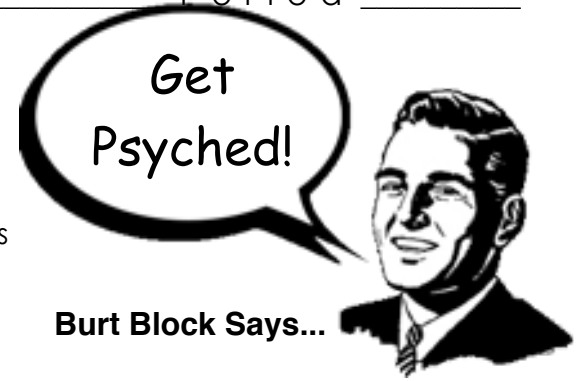
Assessment The Brain



1. The technique that uses magnetic fields and radio waves to produce computer images of structures within the brain is called _____.
2. Parkinson's disease involves
 - a. the death of nerve cells that produce the vital neurotransmitter of dopamine
 - b. impaired function in the right hemisphere only
 - c. impaired function in the left hemisphere only.
 - d. excess production of the neurotransmitters dopamine and acetylcholine.
3. Unusual drinking and eating behaviors can be caused by damage to the
 - a. hypothalamus.
 - b. reticular activating system.
 - c. cerebellum.
 - d. pons.
4. Researchers learn about the brain by studying
 - a. images of the brain created by computers.
 - b. people with head injuries.
 - c. the effects of electrical stimulation on the brain.
 - d. all of the above.
5. Cesar experienced difficulty keeping his balance after receiving a blow to the back of her head during a soccer game. It is likely that he injured his
 - a. medulla
 - b. thalamus.
 - c. hypothalamus.
 - d. cerebellum.
6. What are the nerve fiber that enables communication between the right and left cerebral hemispheres called? _____
7. The part of the human brain that is most like that of a fish is the :
 - a. cortex.
 - b. brainstem.
 - c. limbic system.
 - d. right hemisphere.
8. The central nervous system consists of the _____ and the _____.
9. What is the largest part of the human brain? _____
10. For most people, what hemisphere is speech functions located? _____
11. Dr. Omar Robey is very intelligent. It is likely that the surface of this brain is very wrinkled with ridges and valleys. What is the name of the part of his brain that is wrinkled?

12. The cerebrum includes the _____, which is the part of the brain that is involved with thinking, language, memory, and perceptions. It's wrinkled.

Assessment The Brain



1. The technique that uses magnetic fields and radio waves to produce computer images of structures within the brain is called **MRI**
2. Parkinson's disease involves
 - D** a. the death of nerve cells that produce the vital neurotransmitter of dopamine
 - b. impaired function in the right hemisphere only
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A a. hypothalamus.	c. cerebellum.
b. reticular activating system.	d. pons.
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4. D a. images of the brain created by computers.	c. the effects of electrical stimulation on the brain.
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5. D a. medulla	b. thalamus.	c. hypothalamus.	d. cerebellum.
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6. What are the nerve fiber that enables communication between the right and left cerebral hemispheres called? **6. Corpus Colassum**
7. The part of the human brain that is most like that of a fish is the :

a. cortex.	b. brainstem.	c. limbic system.	d. right hemisphere.
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B. Brainstem
8. The central nervous system consists of the _____ and the **8. Brain & Spinal Cord**.
9. What is the largest part of the human brain? **9. cerebrum**
10. For most people, what hemisphere is speech functions located? **10. Left**
11. Dr. Omar Robey is very intelligent. It is likely that the surface of this brain is very wrinkled with ridges and valleys. What is the name of the part of his brain that is wrinkled? **11. Cerebral Cortex**
12. The cerebrum includes the **12. association areas**, which is the part of the brain that is involved with thinking, language, memory, and perceptions. It's wrinkled.