

- ___ 12. The amygdala and hypothalamus are part of the:
A) brainstem. B) limbic system. C) reticular formation. D) cerebral cortex.
- ___ 13. If a neurosurgeon directly stimulated parts of your sensory cortex, which of the following would you most likely experience?
A) indistinct odors C) repetitive sounds
B) flashes of light D) a sense of being touched
- ___ 14. A picture of a cat is briefly flashed in the left visual field and a picture of a mouse is briefly flashed in the right visual field of a splitbrain patient. The individual will be able to use her _____ hand to indicate she saw a _____.
A) right; cat B) left; mouse C) right; mouse D) left or right; cat
- ___ 15. Stimulation of the reticular formation will cause a:
A) sleeping cat to awaken. C) violent cat to become passive.
B) hungry cat to stop eating. D) thirsty cat to drink.
- ___ 16. The chemical messengers of the endocrine system are called:
A) neurotransmitters. B) glial cells. C) hormones. D) agonists. E) genes.
- ___ 17. Jessica experienced difficulty keeping her balance after receiving a blow to the back of her head. It is likely that she injured her:
A) medulla. B) thalamus. C) cerebellum. D) cerebrum.
- ___ 18. Which of the following is typically controlled by the left hemisphere?
A) spatial reasoning C) the left side of the body
B) word recognition D) perceptual skills
- ___ 19. The medulla is to the control of _____ as the cerebellum is to the control of _____.
A) eating; sleeping C) emotion; motivation
B) breathing; walking D) memory; attention
- ___ 20. Information is most quickly transmitted from one cerebral hemisphere to the other by the:
A) medulla. B) corpus callosum. C) limbic system. D) reticular formation.
- ___ 21. **BONUS:** After she suffered a stroke, Mrs. Jacobitz had so much difficulty speaking that she had to communicate by writing. This suggests that her cortex was damaged in:
A) the occipital lobe. C) the angular gyrus.
B) Broca's area. D) Wernicke's area.

Answer Key

1. D
2. C
3. D
4. A
5. A
6. B
7. D
8. C
9. D
10. A
11. A
12. B
13. D
14. C
15. A
16. C
17. C
18. B
19. B
20. B
21. B