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**The Brain CH 5**

1. Which part of the brain is responsible for combining sounds into words and arranging words into meaningful sentences?
2. Broca’s area
3. Wernicke’s area
4. Hypothalamus
5. Hippocampus
6. Medulla
7. Damage to the cerebellum would most likely result in:
8. Respiratory failure
9. Heart failure
10. Loss of muscular coordination
11. Loss of hearing
12. Loss of memory
13. The pons is located between the medulla and other brain areas. It is responsible for which of the following?
14. Motor coordination
15. Seeing and hearing
16. Sleep and arousal
17. Balance
18. Emotional reactions
19. When humans suffer damage to this part of the brain, there can be a lapse into a permanent state of unconsciousness.
20. Temporal lobe
21. Parietal lobe
22. Frontal lobe
23. Cerebrum
24. Reticular formation
25. An EEG records:
26. Direct electrical stimulation of the brain.
27. The number of neurons in the brain.
28. Electrical impulses from the brain.
29. Chemical activity in specific areas of the brain.
30. Stimulation of the frontal lobe.
31. Which part of the brain is affected during a split-brain operation?
32. Cerebellum
33. Corpus callosum
34. Cerebrum
35. Medulla
36. Pons
37. The main job of the thalamus is
38. Receiving sensory information and relaying it to the appropriate area.
39. Processing sensory information about touch, pain and temperature.
40. Regulating motivational and emotional behavior
41. Coordinating movements and timed motor responses
42. Controlling all auditory functions of the brain.
43. The limbic system is responsible for
44. The control of hunger, thirst, and sex
45. Breathing regulations
46. Balance and coordination
47. Speech
48. Language
49. The split brain patient is asked to stare at a black dot between the HE and ART as the word HEART is displayed on the screen. When asked what she sees, what will the patient do?
50. The patient will say she sees the word HE.
51. The patient will say she sees the word ART.
52. The patient will point to the word ART.
53. The patient will say the word HEART.
54. The patient will only see a black dot.
55. Emma is telling her younger sister stories about her first Christmas in their new home. Which part of the brain is Emma using to recall these memories?
56. Hypothalamus
57. Thalamus
58. Amydgala
59. Hippocampus
60. Medulla
61. An MRI involves:
62. Passing nonharmful radio frequencies through the brain to study brain structure.
63. Injecting a slightly radioactive solution into the bloodstream to measure the amount absorbed by the brain.
64. Mapping the brain’s activity by having the patient complete cognitive tasks.
65. Following brain images to get an exact measurement of brain size.
66. Testing patients’ brain damage after severe brain injuries.
67. As a result of her car accident, Mimi suffered damage to her Broca’s area of the brain. What symptoms will she suffer as a result?
68. Inability to see color
69. Inability to speak in fluent sentences
70. Inability to walk
71. Inability to remember short term
72. Inability to remember long term
73. Maddie is walking down a dark alley by herself late at night. She automatically turns her head to the left when she hears a strange noise. What part of the brain is the using?
74. Hindbrain
75. Midbrain
76. Forebrain
77. Somatosensory cortex
78. Motor cortex
79. Wernicke’s area is located on which lobe of the brain
80. Left temporal lobe
81. Right temporal lobe
82. Left occipital lobe
83. Right occipital lobe
84. Left frontal lobe