

Invitation to
Psychology
Chapter four study
guide

Name _____

10. Axon terminal-

11. Myelin sheath-

12. Synapse-

13. Plasticity-

14. Action Potential-

15. Neurotransmitter-

16. Receptor sites-

17. Hormones-

18. Melatonin-

19. Brain stem-

20. Medulla-

21. Pons-

22. Hypothalamus-

23. Amygdala-

24. Hippocampus-

25. Cerebrum-

26. Corpus Callosum-

27. Cerebral Cortex-

28. Occipital lobe-

29. Visual Cortex-

30. Parietal lobe-

31. Somatosensory Cortex-

32. Temporal lobes-

33. Auditory Cortex-

34. Wernicke's area-

35. Frontal lobe-

36. Motor Cortex-

37. Broca's area-

38. Split-brain surgery-

39. Left-hemisphere functions-

40. Right-hemisphere functions-

41. Rapid eye movement-
42. Activation-Synthesis Theory-

Multiple choice

41. Cameron touches a hot iron and immediately pulls his hand away. His quick response occurs because:
- Spinal reflexes are automatic, requiring no conscious effort.
 - The brain has registered that pain is occurring and responds quickly.
 - His glands have secreted chemical messengers called hormones.
 - Neurons in the spinal cord touch end to increase response speed.
42. The _____ looks like the branches of a tree, indeed, the meaning of this word in Greek is "little tree".
- Axon
 - Myelin sheath
 - Dendrite
 - Glial cell
43. Hilda's husband is told that his wife is suffering from Alzheimer's disease and that she has lost brain cells that are responsible for producing:
- Acetylcholine
 - Dopamine
 - Norepinephrine
 - GABA
44. The part of the brain at the top of the spinal cord is called the:
- Pleasure center
 - Brain stem
 - Master gland
 - Thalamus
45. "Fight or flight" behavior is associated with
- The parasympathetic division
 - Central nervous system
 - The sympathetic division
 - The somatic nervous system