

General physiology of CNS

1. The ion necessary to initiate the release of neurotransmitter into the synaptic cleft is _____
2. Which channels open the inhibitory neurotransmitters on postsynaptic membrane?
3. Which channels open the excitatory neurotransmitters on postsynaptic membrane?
4. Signals from multiple inputs uniting to excite a single neuron called _____
5. Signal entering a neuronal pool to excite far greater numbers of outputs called _____
6. Area of the body that when stimulated results in reflectory response defines as _____
7. Information coming into the central nervous system is transmitted along which neurons?
8. When two or more graded potentials arrive at the trigger zone, which of the effect could happen?
9. Which reflexes are known as the simplest one?
10. List the elements of reflex arc.
11. Neurotransmitter is stored and released from _____
12. How called the prolongation of a outflow signal by a neuronal pool?
13. which neuron is known as a neuron of final common path?
14. How is called the “map” of the body on postcentral gyrus?
15. Proprioceptive sensation involves which receptors?
16. Match the first order afferent neurons
17. Match the second order afferent neurons
18. Match the third order afferent neurons
19. Match the fourth order afferent neurons
20. The primary auditory cortex lies primarily in which lobe of the cerebral cortex?
21. The primary visual cortex lies primarily in which lobe of the cerebral cortex?
22. Describe the recurrent inhibition
23. Describe the reciprocal inhibition
24. Match the interneurons in reflex arc.
25. How is called the “map” of the body on precentral gyrus?
26. How changed the excitability of the undamaged neurons below the damaged area?