

# EduPrep AI

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## Quiz :

Question 1: What are the two pathways that carry information in the nervous system?

1. Afferent and Efferent
2. Central and Peripheral
3. Sympathetic and Parasympathetic
4. Somatic and Autonomic

Question 2: What does the somatic nervous system control?

1. Voluntary Movements
2. Involuntary Movements
3. Digestion
4. Heart Rate

Question 3: What does the autonomic nervous system control?

1. Voluntary Movements
2. Involuntary Movements
3. Digestion
4. Heart Rate

Question 4: What is the function of the sympathetic nervous system?

1. Calming the body
2. Arousing the body
3. Controlling voluntary movements
4. Controlling involuntary movements

Question 5: What is the function of the parasympathetic nervous system?

1. Calming the body
2. Arousing the body
3. Controlling voluntary movements
4. Controlling involuntary movements

Question 6: What is the function of glial cells in the nervous system?

1. Transmitting information
2. Providing support and nutrition
3. Speeding up neuron function
4. All of the above

Question 7: What is the function of dendrites in a neuron?

1. Transmitting information to another neuron
2. Receiving information from another neuron
3. Making decisions whether to pass on information
4. None of the above

Question 8: What is the process of reuptake in synaptic transmission?

1. Release of neurotransmitter
2. Conversion of electrical impulse into chemical signal
3. Reabsorption of the neurotransmitter back into the vesicle

4. Stimulation of the postsynaptic neuron

Question 9: What is the function of myelin in the nervous system?

1. Speeding up the transmission of signals
2. Slowing down the transmission of signals
3. Blocking the transmission of signals
4. None of the above

Question 10: What is the all or none principle in relation to neuron firing?

1. The neuron will fire at different intensities based on the received information
2. The neuron will fire only if a certain threshold is met
3. The neuron will fire regardless of the received information
4. None of the above

Answers :

1. Afferent and Efferent
2. Voluntary Movements
3. Involuntary Movements
4. Arousing the body
5. Calming the body
6. All of the above
7. Receiving information from another neuron
8. Reabsorption of the neurotransmitter back into the vesicle
9. Speeding up the transmission of signals
10. The neuron will fire only if a certain threshold is met