At which part of a motor neuron is the action potential generated first?	page 6	
axon hillockCaxon hillocka	L the initial segment of the axon	
3. Name 3 functions for the supportive cells.	page 7	
1. Maintenance of the n	eural environment.	
2. Synthesize and release neuro trophic factors (maintain the survival and protection of neuro		
	Us Enat Produce the myelln sheath.	
1 What the myeline sheath is?		
4. What the myeline sheath is?	page 7	
_		
here are specialized cells. They	produce the myelin sheath that covers	
here are specialized cells, They the axon. (myeline a protein l and transmit the sign	ipid complex knat insulates norve fiber) at quickly along the nerve.	
	produce the myelin sheath that covers lipid complex that insulatives nerve fiber) at quickly along the nerve.  Page 8	
5. What type of conduction is found at the myelinated fibers	ne	
<ul> <li>5. What type of conduction is found at the myelinated fibers</li> <li>5 altatory conduction.</li> <li>6. If you have 2 unmyelinated fibers one with a small diameter (A fiber) and the other is</li> </ul>	page 8	
<ul> <li>5. What type of conduction is found at the myelinated fibers</li> <li>Saltatory conduction.</li> <li>6. If you have 2 unmyelinated fibers one with a</li> </ul>	page 8	
<ul> <li>5. What type of conduction is found at the myelinated fibers</li> <li>6. If you have 2 unmyelinated fibers one with a small diameter (A fiber) and the other is having a larger diameter (B Fiber), Question: which of them is having a higher velocity of conduction for the impulse? Expalin why??</li> </ul>	Page 8	
<ul> <li>5. What type of conduction is found at the myelinated fibers</li> <li>5 alter org conduction.</li> <li>6. If you have 2 unmyelinated fibers one with a small diameter (A fiber) and the other is having a larger diameter (B Fiber), Question: which of them is having a higher velocity of conduction for the impulse?</li> </ul>	Page 8	

7. What type of channels can be activated to generate the Inhibitory Post Synaptic	page 11
Potentials ( <u>IPSPs</u> )?	
Kt channels.	
8. What is the difference between Excitatory Post Synaptic Potentials and Action Potentials?	page 10
post synaptic is a small de shat can be induced by activation	palatization offen Natchannel
Describe the Temporal Summation	page 11 by one neubns
	page 11 by one neulons
Small potentials that together n	by many strongli and it generales more cach the threshold (at different parties) of time)
10. Can we record the action potential of axon by placing the two electrodes external surface of the membrane?	at the
yes we can (biphosic	action potential
Done By Noor Ho	LYZ000
0	