(a)	(i)			
			- 4; - 2;	[3]
	(ii)		anywhere on membrane of post-synaptic neurone; on myelin sheath;	[2]
(b)	•		ic knob only at one end of neurone/transmitter substance on one synapse only/receptors on one side only/location of receptors;	[1]
3	(a)	(i)	Post synaptic membrane;	[1]
		(ii)	 Any three from (binding with ACh receptor sites) causes depolarisation of the post synaptic membrane inside the post-synaptic membrane becomes positive/influx of sodium ions through post synaptic membrane an excitatory post-synaptic potential (EPSP) occurs if a threshold is reached (e.g. enough sodium enter) an action potential occurs 	of
		(iii)	Post synaptic nerve cell remains in an excited state/continuous stimulation of post synaptic membrane/less summation is need to transmit across the synapse;	
(b) (i)	n n	Block the ACh receptor sites/blocks channels which allow novement of ions across the membrane/induce the entry of egative ions (CI ⁻)/induce the removal of positive ions Na ⁺ /K ⁺)/other appropriate response;	[1]
	(i	•	depolarisation is less likely to take place prevents threshold being reached thus an action potential is less likely to be created/rendering the nerve less capable of carrying an impulse	[2]
	(i	•	ncreased reaction times/loss of motor control/may lead to angerous behaviour/less pain felt;	[1]