PSYCH 260 Quiz 2

February 17, 2017

	Answer the questions using the Scantron form.	
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Name:		

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1.	The	contains neurons that release
	A.	striatum; oxytocin
	В.	ventral tegmental area; serotonin
	С.	tectal; glycine
	D.	substantia nigra; dopamine
2.	A reupta	ke inhibitor has what effect on neurotransmitters?
	A.	Reduces extracellular levels.
	В.	Accelerates their reuptake.
	С.	Increases extracellular levels.
	D.	Causes neurotransmitters to bind to ionotropic receptors.
	Botilinur system?	n toxin (BoTox) causes paralysis by impeding the normal function of which neurotransmitter
	A.	Glutamate
	В.	GABA
	С.	Dopamine
	D.	Acetylcholine
4.		is the most commonly released inhibitory neurotransmitter in the CNS. It typically a/anreceptor.
	Α.	GABA; ionotropic
	В.	ACh; metabotropic
	С.	Glutamate; ionotropic
	D.	Dopamine; metabotropic
5.	Which of	these hormones is released by the <i>posterior</i> pituitary?
	Α.	Oxytocin.
	В.	Cortisol.
	С.	Melatonin.
	D.	Adrenocorticotropic hormone (ACTH).
6.	Which of	f these acts as both a neurotransmitter and a hormone?
	A.	Dopamine.
	В.	Glutamate.
	С.	Acetylcholine.
	D.	Melatonin.

7.		receptors contain both chemical (ligand) binding sites and an ion channel.	
	A	A. Metabotropic	
	Ε	B. Serotonin	
		C. Glutamate	
	\mathbf{D}	O. Ionotropic	
8.	The out	tward flow ofacross the neural membrane creates an	
	A	A. Cl-; IPSP	
	В	3. K+; IPSP	
		C. Glutamate; EPSP	
	Γ	D. GABA; EPSP	
9.	Auditor brain.	ry information from the <i>medial</i> geniculate nucleus in the thalamus projects to this part of the	
	A	A. Temporal lobe	
	E	3. Occipital lobe	
		C. Raphe nucleus	
	Γ	D. Hippocampus	
10.	When the exocyto	the action potential arrives at the axon terminal,open and the influx oftriggers is.	gers
	A	A. voltage-gated Na+ channels; Na+	
	В	3. voltage-gated Ca++ channels; Ca++	
		C. metabotropic channels; K+	
	Γ	O. transporters; Ca++	
	2 B	Bonus	
11.	With or	ne exception, the monoamine neurotransmitters bind toreceptors.	
	A	A. ionotropic	
	Ε	B. voltage-gated	
		C. nicotinic	
	D	O. metabotropic	
12.		e examining an axosomatic synapse and based on where it connects guess that it isand s the release of	
	A	A. inhibitory; glutamate	
	В	3. inhibitory; GABA	
		C. excitatory; adenosine	
	Γ	O. excitatory; glycine	