PSYCH 260-BBH 203 Quiz 4 $\,$

April 26, 2016

Answer the questions using the Scantron form.		

1 Main

1.	The NM	DA receptor contains an ion channel and a neurotransmitter binding site. This makes it a/ar receptor.
	A.	metabotropic
	В.	ionotropic
	С.	nicotinic
	D.	presynaptic
2.	The hipp	ocampus is located in the
	A.	medial frontal lobe
	В.	dorsal parietal lobe
	С.	lateral temporal lobe
	D.	medial temporal lobe
3.	Jane suff	ered a severe injury to the hippocampus. Now she
	Α.	Can learn to juggle, but doesn't recognize her juggling teacher.
	В.	Recognizes her juggling teacher, but can't learn to juggle.
	С.	Can't seem to learn new juggling tricks, but remembers the name of every trick.
	D.	Can't recognize her teacher's face, but knows her teacher's voice and mannerisms.
4.	Long-term	m potentiation (LTP) refers to the case where
	A.	Neuron A fires but does not wire to any other neuron.
	В.	The connection between neuron A and neuron B is weakened.
	С.	The connection between neuron A and neuron B is strengthened.
	D.	Neuron A's action potentials grow in size over the long term.
		action potential arrives at the terminal button, voltage-gated ion channels open to allow to enter the neuron; this triggers the binding of synaptic vesicles to the presynaptic
		te and theof neurotransmitters.
		Calcium (Ca+); degradation.
		Sodium (Na); reuptake
		Sodium (Na+); hyperpolarization
		Calcium (Ca++); exocytosis
6.	With the	e exception of one sense modality, all types of sensory information are relayed through thebefore it arrives in the cerebral cortex.
	A.	Hippocampus
	В.	Thalamus
	С.	Amygdala
	D.	Cerebellum

7.	Human p	orimary visual cortex (V1) is located in the	portion of the	lobe.		
	A.	lateral; parietal.				
	В.	caudal; occipital.				
	С.	medial; occipital.				
	D.	ventral; temporal.				
8.	Which of	f the following statements about the retina	a is false?			
	Α.	There are more cones than rods.				
	В.	Photoreceptors hyperpolarize in response	e to light.			
	C. Visual acuity is highest in the fovea.					
	D.	The retinal image is left/right and up/de $$	own reversed.			
9.		located in the	_is the focus of research on how the b	rain coordinates		
	_	s to emotion-provoking events.				
		hypothalamus; dorsal forebrain.				
		striatum; dorsal forebrain.				
		amygdala; medial temporal lobe.				
	D.	amygdala; dorsal midbrain.				
10.	Muscle spindle axon fibers conveying information about muscle stretch/length areandheavily myelinated than fibers conveying pain or temperature.					
	A.	thinner; less.				
	В.	thinner; more.				
	С.	thicker; less.				
	D.	thicker; more.				
	9 D					
	2 Bo	onus				
11.	Sensory f	ibers enter thespinal cord	, while motor fibers exit the	portion.		
	Α.	dorsal; ventral.				
	В.	anterior; posterior.				
	С.	medial; lateral.				
	D.	superior; inferior.				
12.	The influ	ax of calcium (Ca++) is associated with a	ll of the following except:			
	A.	muscle fiber contraction.				
	В.	NMDA receptor activity.				
	С.	monoamine neurotransmitter reupt	ake.			
	D.	exocytosis.				