

CHAPTER 11	Neurotransmitters and Their Functions Quiz	BLM 11.1.15
ASSESSMENT		

Instructions:

Fill in the appropriate neurotransmitter in the first column: norepinephrine, serotonin, dopamine, endorphins.

Fill in the blanks to describe the function and effects of each neurotransmitter.

Neurotransmitter	Function	Effects of abnormal production
	<ul style="list-style-type: none"> ▪ affects the brain synapses in the control of body movements ▪ is linked to _____ of pleasure, such as eating 	<ul style="list-style-type: none"> ▪ excessive production linked to schizophrenia, a disorder in which the individual's perception of reality is greatly distorted ▪ inadequate production linked to _____ disease, a progressive disorder that destroys neurons, causing tremors, slurred speech, and other coordination problems
	<ul style="list-style-type: none"> ▪ regulates _____ and sensory perception ▪ is involved in mood control 	<ul style="list-style-type: none"> ▪ inadequate amounts in the brain synapses linked to _____
	<ul style="list-style-type: none"> ▪ act as natural _____ in synapses in the brain ▪ also affects emotional areas of the brain 	<ul style="list-style-type: none"> ▪ deficiency linked to an increased risk of _____
	<ul style="list-style-type: none"> ▪ is used by the brain and some autonomic neurons ▪ complements the actions of the hormone epinephrine, which readies the body to respond to _____ or other stressful situations 	<ul style="list-style-type: none"> ▪ overproduction linked to high _____, anxiety, and insomnia ▪ deficiency linked to hunger cravings and _____