

<b>CHAPTER 11</b>	<b>Neurotransmitters and Their Functions Quiz</b>	<b>BLM 11.1.15</b>
<b>ASSESSMENT</b>		

**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.

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