Nicotine Addiction Module
Unit 3 Quiz

1. What is NOT a part of the definition of "addiction"?
   a. changes in brain structure
   b. It's a long-term disease
   c. simply a lack of will-power

2. Which pathway in the brain is hijacked by addiction?
   a. The Happiness Pathway
   b. The Pain Pathway
   c. The Reward Pathway

3. Which is a possible effect of addiction?
   a. Loss of control
   b. Prioritizing drug
   c. Stunted growth
   d. All of the above

4. What is the primary communication cells of the brain?
   a. The neuron
   b. Frontal Lobe
   c. Neuron
   d. Cerebellum

5. What is the neurotransmitter involved in the "reward pathway"?
   a. Acetylcholine
   b. Serotonin
   c. GABA
   d. Dopamine

6. What naturally occurring neurotransmitter does nicotine mimic?
   a. Neuron
   b. Acetylcholine
   c. Serotonin
   d. GABA
7. Nicotine is not…
   a. highly addictive
   b. a stimulant
   c. harmless
   d. in tobacco products

8. Which of these does not contain nicotine?
   a. Cigarettes
   b. Hookah
   c. Chew
   d. All of these contain Nicotine

9. How long does it take for nicotine to reach the brain?
   a. 7-10 seconds
   b. 1 hour
   c. 3 days
   d. None of these

10. The level of nicotine in a cigarette is determined by…
    a. the tobacco plants used
    b. the tobacco companies producing the cigarettes
    c. a smoker’s lung capacity
    d. the level of ammonia in the cigarette