

## Marijuana Quiz Key for Amir Levine Packet

1. 40%, 70%, 80%. (pg. 7)
2. First two years of life and adolescence. (pg. 10)
3. Endocannabinoid System; Cognition, memory, mental health. (pg. 11)
4. Attention, memory, executive function; 4.1 IQ points. (pg. 12)
5. A. Lack of motivation; B. Overall lower relationship and life satisfaction; C. Negative impact on other mental health conditions like anxiety, depression; D. Poses a clear risk for those who are predisposed to psychotic disorders; E. Other addictive problems with other, harder drugs like cocaine and heroin. (pg. 13)
6. Hippocampus – memory formation; Amygdala – fear and emotion; Nucleus Accumbens – motivation and reward. (pg. 14)
7. THC interacts with the receptors in the Hippocampus, responsible for memory formation, and causes a decrease in glutamate, a chemical important for learning and memory. (pg 18)
8. 20-30 minute lag time. (pg. 27)
9. Fourfold (4x) increase. (pg. 28)