Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Game on Ecstasy**

Instructions: Circle your answer on each question. Please answer every question.

Nothing to Rave About – Episode 1: Quiz

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| 1) One area of the brain affected by stimulants which is important for learning and memory is the:a) Amygdalab) Brain stemc) Hippocampusd) Hypothalamus |
| 2) An energized feeling is characteristic of which type of drugs?a) Antihistaminesb) Depressantsc) Hallucinogensd) Stimulants |
| 3) Effects from stimulants include:a) Decreased body temperature and blood pressureb) Decreased heart rate and increased alertnessc) Increased alertness and decreased body temperatured) Increased heart rate and blood pressure |
| 4) One example of a stimulant is:a) Methamphetamineb.) Mescalinec) LSDd) PCP |
| 5) Drugs that can alter how things feel or smell to you are called:a) Antihistaminesb) Depressantsc) Hallucinogensd) Stimulants |
| 6) Stimulants affect the hypothalamus which is the area of the brain that controls:a) Breathing, heart rate, and blood pressureb) Hearing and visionc) Thirst, appetite, and body temperatured) Thinking, decision-making, and planning |
| 7) One area of the brain affected by stimulants which is important for thinking, decision-making, and planning is called:a) Brain stemb) Cerebral cortexc) Hypothalamusd) Nucleus accumbens |
| 8) One example of a hallucinogen is:a) Amphetamineb) LSDc) Cocained) Ephedra |
| 9) One area of the brain affected by stimulants which is important for breathing, heart rate, and blood pressure is called:a) Brain stemb) Nucleus accumbensc) Hippocampusd) Hypothalamus |
| 10) PCP and magic mushrooms are examples of:a) Amphetaminesb) Hallucinogensc) Methamphetaminesd) Stimulants |

Instructions: Circle your answer on each question. Please answer every question.

**Nothing to Rave About – Episode 3: Quiz**

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| 1) Ecstasy is not legal because animal research studies show that:a) It can alter your DNAb) It causes brain cancerc) It is made with toxic chemicalsd) It damages brain cells |
| 2) Functional magnetic resonance imaging (fMRI) can show:a) Brain activityb) Brain cellsc) Chemical compositiond) Neuron parts |
| 3) A chemical that sends signal from one neuron to another is called :a) Acetaminophenb) Enzymec) Mescalined) Neurotransmitter |
| 4) Ecstasy interferes with serotonin reuptake by:a) Blocking the transportersb.) Destroying neurotransmittersc) Releasing antidepressantsd) Retaining methamphetamines |
| 5) A neurotransmitter involved in regulating the body’s memory and mood is called :a) Ephedrab) Ketaminec) Mescalined) Serotonin |
| 6) are one of the ways by which scientists study the effects of Ecstasy on humans:a) Glucose testsb) Memory testsc) Respiratory testsd) Reflex tests |
| 7) What is one problem with studying Ecstasy?a) It’s too costly to run testsb) Most Ecstasy users are too young to be in a studyc) Many Ecstasy users also take other drugsd) Their DNA is constantly changing |
| 8) Neurons communicate across a tiny space called:a) Action potentialb) Neurotransmitterc) Synapsed) Transporter |
| 9) Special cells in the brain and nervous system that carry instructions to all parts of the body are called:a) Lymphocytesb) Neuronsc) Normoblastsd) Neurotransmitters |
| 10) Human research shows that longtime users of Ecstasy have problems with:a) Brain cancerb) Chronic fatiguec) Low blood pressured) Memory |
| 11) Animal studies show that Ecstasy can damage neurons and cause them to produce less:a) Serotoninb) Ketaminec) Amphetamined) Mescaline |
| 12) One short-term effect caused by increased serotonin is:a) Decreased thirstb) Decreased alertnessc) Elevated moodd) Increased appetite |
| 13) Scientists use to study how Ecstasy may affect humans:a) Animalsb) Bacteriac) Plantsd) Viruses |