

# TEST YOUR KNOWLEDGE ON DRUGS AND DRUG USE BY TAKING THE:

2020

## National Drug & Alcohol IQ Challenge

Go to <https://teens.drugabuse.gov/2020IQChallenge>  
for an online interactive version.

**1** The percentage of teens who drink alcohol has increased over the last 10 years.

- A. True
- B. False

**2** According to research from 2019, in the past month, approximately how many high school seniors reported vaping THC, the chemical in marijuana that causes the high?

- A. 40 percent
- B. 32 percent
- C. 26 percent
- D. 14 percent

**3** Scientists have discovered that vaping nicotine exposes people to which of the following chemical compounds?

- A. Formaldehyde, a gas that has been linked to cancer
- B. Acrylamide, a chemical used to treat wastewater, including sewage
- C. Crotonaldehyde, a poisonous and highly flammable liquid with a suffocating odor
- D. All of the above

**4** Which drug do adolescents use the most?

- A. Alcohol
- B. Marijuana
- C. Nicotine (vaping)
- D. None of the above

**5** If a person takes Ritalin® (a prescription medicine for attention-deficit/hyperactivity disorder) at the same time they take a decongestant, what could happen to them?

- A. Blurred vision
- B. Increased heart rate and blood pressure
- C. Chills and sweating
- D. None of the above

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For more questions and to find out the correct answers, go to the next page.

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**6** Which statement below is *false*?

- A. The liquid in e-cigarettes—whether or not it is flavored—can be toxic (poisonous).
- B. Unlike cigarettes, vaping nicotine does not affect the development of the brain's reward system.
- C. Some e-cigarettes contain high levels of metals like nickel and chromium.
- D. Early studies suggest that teens who vape are at a greater risk for smoking cigarettes in the future.

**7** Research shows that young people's brains keep developing well into their 20s. What effect could alcohol have on the development of the brain? Choose all that apply:

- A. Cause cognitive or learning problems
- B. Affect brain structure and function
- C. Sharpen your cognitive function
- D. None of the above

**8** Which of the following could increase the risk that someone will have a problem with drugs?

- A. Mental health issues
- B. Starting drug use at a young age
- C. Genetics
- D. All of the above

**9** Fill in the blank: Prescription opioid medicines, used to relieve pain, are similar to the illegal drug \_\_\_\_\_.

- A. Cocaine
- B. Methamphetamine
- C. Heroin
- D. Psilocybin

**10** Long-term effects of methamphetamine (meth) use include which of the following?

- A. Mood swings
- B. Severe dental problems, known as "meth mouth"
- C. Psychosis
- D. All of the above

**11** Which medicine, if given right away, can reverse the effects of a heroin or opioid overdose and prevent death?

- A. Methadone
- B. Oxycodone
- C. Naloxone
- D. Hydrocodone

For the correct answers, go to the last page.

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# BRAINIAC QUESTIONS

Test yourself with these difficult questions about the brain and drugs.

**12** Brain research has shown that addiction harms the brain in at least three ways. One of them is that it weakens regions of the brain that help a person make good decisions and control their impulses. What's the name for that part of the brain?

- A. Nucleus accumbens
- B. Prefrontal cortex
- C. Amygdala
- D. Hippocampus

**13** In a study using brain scans, scientists found that teens with higher substance use between ages 16 and 18 had smaller gray matter volume at age 25 in which part of the brain?

- A. Pars opercularis
- B. Amygdala
- C. Ventral striatum
- D. Cerebellum

[HTTPS://TEENS.DRUGABUSE.GOV/2020IQCHALLENGE](https://teens.drugabuse.gov/2020iqchallenge)

For the correct answers, go to the last page.

