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| 1. The five schedules of drugs in the Controlled Substances Act of 1970 refers to the same five classes of drugs used for drug categorization.

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|   | a.  | True |
|   | b.  | False |

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| *ANSWER:* | False |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 2. Narcotics are non-sleep-inducing drugs used to relieve pain.

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|   | a.  | True |
|   | b.  | False |

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| *ANSWER:* | False |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 3. Toxicology is the study of poisons and the identification of drugs and other substances a person may have used for medicinal purposes only.

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|   | a.  | True |
|   | b.  | False |

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| *ANSWER:* | False |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01FSFI.BERT.2.LO: 9-02 - LO: 9-02FSFI.BERT.2.LO: 9-03 - LO: 9-03 |

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| 4. Toxic substances are also classified by how people are exposed to them.  By definition, people may be exposed intentionally, accidentally, or deliberately.

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|   | a.  | True |
|   | b.  | False |

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| *ANSWER:* | True |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01FSFI.BERT.2.LO: 9-02 - LO: 9-02FSFI.BERT.2.LO: 9-03 - LO: 9-03 |

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| 5. The Greek philosopher, Socrates, was one of the earliest reported victims of poisoning.

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|   | a.  | True |
|   | b.  | False |

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| *ANSWER:* | True |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Challenging |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01FSFI.BERT.2.LO: 9-02 - LO: 9-02FSFI.BERT.2.LO: 9-03 - LO: 9-03 |

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| 6. Although poisoning is popular in murder mysteries and detective stories, it is:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | a common form of murder. | b.  | not a common form of murder. |
|   | c.  | a common form of suicide. | d.  | a common form of manslaughter. |

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| *ANSWER:* | b |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01FSFI.BERT.2.LO: 9-02 - LO: 9-02FSFI.BERT.2.LO: 9-03 - LO: 9-03 |

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| 7. Bulgarian dissident Georgi Markov was killed in 1978 by:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | ricin. | b.  | radiation. |
|   | c.  | cyanide. | d.  | arsenic. |

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| *ANSWER:* | a |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01FSFI.BERT.2.LO: 9-02 - LO: 9-02FSFI.BERT.2.LO: 9-03 - LO: 9-03 |

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| 8. In 2014, what damaged the drinking water for 300,000 West Virginia residents?

|  |  |  |
| --- | --- | --- |
|   | a.  | high levels of arsenic |
|   | b.  | a release of heavy metals into the water supply |
|   | c.  | PCP contamination of the water by a disgruntled employee of the water department |
|   | d.  | a spill of MCHM, a chemical used to wash coal, into the water supply |
|   | e.  | ​All of these choices. |
|   | f.  | ​None of these choices. |

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| *ANSWER:* | d |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Easy |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01 |

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| 9. Acute poisoning is due to:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | a high dose over a short period of time. | b.  | a low dose over a long period of time. |
|   | c.  | a low dose over a short period of time. | d.  | None of these choices. |

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| *ANSWER:* | a |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-04 - LO: 9-04 |

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| 10. There is a drug which is frequently made in home laboratories. As the chemicals used in the production of the drug are very dangerous, there are frequently explosions that occur during production. The name of this drug is:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | depressants ("downers"). | b.  | synthetic marijuana ("spice"). |
|   | c.  | PCP ("angel dust"). | d.  | methamphetamines ("meth"). |
|   | e.  | ​All of these choices. | f.  | None of these choices. |

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| *ANSWER:* | d |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 11. Controlled substances are defined as:

|  |  |  |
| --- | --- | --- |
|   | a.  | illegal drugs whose sale, possession, and use are prohibited because of the mind-altering effect of the drugs and the potential for abuse. |
|   | b.  | legal drugs whose sale, possession, and use are restricted because of the mind-altering effect of the drugs and the potential for abuse. |
|   | c.  | legal drugs whose sale, possession, and use are permitted. |
|   | d.  | None of these choices. |

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| *ANSWER:* | b |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Challenging |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 12. Arrests for drug abuse violations have been:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | increasing steadily since the early 1990s. | b.  | decreasing steadily since the early 1990s. |
|   | c.  | the same since the early 1990s. | d.  | None of these choices. |

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| *ANSWER:* | a |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 13. Hallucinogens are:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | never derived from plants. | b.  | rarely derived from plants. |
|   | c.  | often derived from plants. | d.  | always derived from plants. |

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| *ANSWER:* | c |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Challenging |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 14. If a liquor contains 40 percent of alcohol, what proof is it?

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| --- | --- | --- | --- | --- |
|   | a.  | 20 proof | b.  | 40 proof |
|   | c.  | 60 proof | d.  | 80 proof |

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| *ANSWER:* | d |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 15. Which techniques may be used in presumptive testing?

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| --- | --- | --- | --- | --- |
|   | a.  | colorimetric testing | b.  | microcrystalline testing |
|   | c.  | gas chromatography-mass spectrometry | d.  | microscopic examination of plant matter |
|   | e.  | ​a and c only | f.  | ​b and d only |
|   | g.  | ​All of the above. | h.  | ​None of the above. |

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| *ANSWER:* | g |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01FSFI.BERT.2.LO: 9-02 - LO: 9-02FSFI.BERT.2.LO: 9-03 - LO: 9-03 |

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| 16. Narcotics act as:

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| --- | --- | --- |
|   | a.  | depressants and suppress pain. |
|   | b.  | stimulants and heighten pleasure. |
|   | c.  | mood enhancing substances that flood the brain with dopamine. |
|   | d.  | None of these choices. |

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| *ANSWER:* | a |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Challenging |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 17. Stimulants:

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| --- | --- | --- |
|   | a.  | increase feelings of energy and alertness, while suppressing appetite. |
|   | b.  | decrease feelings of energy and alertness, while suppressing appetite. |
|   | c.  | increase feelings of energy and alertness, while increasing appetite. |
|   | d.  | increase feelings of lethargy and alertness, while increasing appetite. |

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| *ANSWER:* | a |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Challenging |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 18. Anabolic steroids:

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| --- | --- | --- |
|   | a.  | decrease cell and tissue growth and division. |
|   | b.  | promote cell and tissue growth and division. |
|   | c.  | promote cell growth and decrease tissue growth and division. |
|   | d.  | decrease cell growth and increase tissue growth and division. |

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| *ANSWER:* | b |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Challenging |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 19. According to the National Institute on Drug Abuse 2013 survey, how much is spent annually in workplace costs because of drug abuse?

|  |  |  |
| --- | --- | --- |
|   | a.  | more than $400 billion |
|   | b.  | more than $500 billion |
|   | c.  | more than $600 billion |
|   | d.  | more than $700 billion |

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| --- | --- |
| *ANSWER:* | c |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01 |

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| 20. What substance causes death by affecting the heart's ability to send electrical signals?

|  |  |  |
| --- | --- | --- |
|   | a.  | sodium pentothal |
|   | b.  | potassium chloride |
|   | c.  | arsenic |
|   | d.  | mercury |

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| *ANSWER:* | b |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01 |

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| 21. The federal Controlled Substances Act of 1970 recognizes five Schedules of drugs. Which Schedule of drugs contains drugs that have severely restricted medical use and a high potential for abuse (and includes cocaine, methamphetamine, methadone, and oxycodone)?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| *ANSWER:* | Schedule II |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 22. A component of the waste product of the manufacture of castor oil from castor beans is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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| *ANSWER:* | ricin |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01 |

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| 23. What substance causes death by interfering with the ability of the body to absorb oxygen? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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| --- | --- |
| *ANSWER:* | carbon monoxide gas fumes |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01 |

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| 24. Drugs, such as barbiturates and benzodiazepines that relieve anxiety and produce sleep are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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| --- | --- |
| *ANSWER:* | depressants |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-06 - LO: 9-06FSFI.BERT.2.LO: 9-07 - LO: 9-07FSFI.BERT.2.LO: 9-08 - LO: 9-08 |

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| 25. The degree to which a substance is harmful to a given person at a given time is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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| *ANSWER:* | toxicity |
| *POINTS:* | 1 |
| *DIFFICULTY:* | Average |
| *LEARNING OBJECTIVES:* | FSFI.BERT.2.LO: 9-01 - LO: 9-01FSFI.BERT.2.LO: 9-02 - LO: 9-02FSFI.BERT.2.LO: 9-03 - LO: 9-03 |

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