

Chapter 01 Drug Use and Misuse

1. Which of the following defines the term *psychopharmacology*?

- a. the study of how drugs act on biological systems
- b. the study of pharmaceutical drugs
- c. the study of the effects of drugs on behavior
- d. the study of the misuse of drugs

ANSWER:

c

2. Which statement is part of the World Health Organization's definition of "drug"?

- a. any chemical agent that alters the biochemical physiological processes of tissues or organisms
- b. any substance that is necessary to maintain normal physical health
- c. any chemical agent that consists of a combination of substances
- d. any illegal chemical substance

ANSWER:

a

3. What field is concerned with all information about the effects of drugs on living systems?

- a. pharmacology
- b. psychopharmacology
- c. biochemistry
- d. biopsychology

ANSWER:

a

4. The consensus definition of drug abuse arrived at by Rinaldi et al. centers on what factor?

- a. withdrawal
- b. tolerance
- c. harmful consequences of drug use behavior
- d. societal mores

ANSWER:

c

5. Which of the following is a means of classifying drugs?

- a. by street name
- b. by means of ingestion
- c. by amount of time effects last
- d. by amount of time before effects are felt

ANSWER:

a

6. The barbiturates are examples of a group of drugs that are classified according to what?

- a. chemical structure
- b. mechanism of action
- c. origin
- d. therapeutic use

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ANSWER:

a

7. What is the primary reason for the misuse of morphine?

- a. It is a powerful pain killer.
- b. It provides euphoric effects.
- c. It is widely available.
- d. It is relatively inexpensive.

ANSWER:

b

8. Calling morphine an opiate is an example of classification according to what?

- a. site of drug action
- b. chemical structure
- c. mechanism of action
- d. origin

ANSWER:

d

9. What type of drugs affects moods, thinking, and behavior?

- a. psychoaffective
- b. psychoactive
- c. psychotropic
- d. psychophysiological

ANSWER:

b

10. In the field of pharmacology, which of the following refers to a chemically inactive substance?

- a. placebo
- b. psychoactive drug
- c. analgesic
- d. endorphin

ANSWER:

a

11. Which element of the drug experience affects how much of a drug reaches its site of action and how quickly it gets there?

- a. drug dosage
- b. psychological set of the user
- c. route of administration
- d. setting in which the drug is used

ANSWER:

c

12. The laws pertaining to drug use in the user's community are considered an aspect of what?

- a. the route of drug administration
- b. the degree to which a user misuses a drug

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- c. the accessibility of a drug
- d. the setting in which a drug is used

ANSWER: d

13. Which of the following are pharmacological factor that helps us understand the drug experience?

- a. the origin of the drug
- b. the personality of the drug user
- c. the route of drug administration
- d. the street name of the drug

ANSWER: c

14. Which term refers to the general occurrence of an event, usually expressed in terms of percentage of some population?

- a. incidence
- b. dependence
- c. prevalence
- d. ratio

ANSWER: c

15. Which of the following correctly lists adults' concerns over threats to the well-being of adolescents, in descending order of concern?

- a. tobacco, alcohol, drugs
- b. drugs, alcohol, tobacco
- c. tobacco, drugs, alcohol
- d. alcohol, tobacco, drugs

ANSWER: c

16. How old are the respondents in the U.S. National Survey on Drug Use and Health are?

- a. all ages
- b. 12 years of age or older
- c. 18 years of age or older
- d. 21 years of age or older

ANSWER: b

17. According to the 2015 National Survey on Drug Use and Health, what is the most commonly used illicit drug?

- a. alcohol
- b. cocaine
- c. nicotine
- d. marijuana

ANSWER: d

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18. Which of the following is TRUE according to the 2015 National Survey on Drug Use and Health?

- a. Cigarettes are the most commonly used drugs.
- b. Alcohol use dramatically decreased in 2012 and 2014.
- c. Men were more likely than women to report illicit drug use in the past month.
- d. Active duty military personnel are among the heaviest users of illicit drugs.

ANSWER:

c

19. Lisbeth has a stressful job and she relies on drugs to relieve her stress. She doesn't care for alcohol, so she uses an illegal substance. Which one is the most likely to use?

- a. opioids
- b. heroin
- c. cocaine
- d. marijuana

ANSWER:

d

20. Which of the following would be the best source of information if someone wanted to formulate effective legal and social policies on the use of specific drugs?

- a. number of offenders in prison for misuse of drugs
- b. the National Survey on Drug Use and Health (NSDUH)
- c. news stories related to drug offenses
- d. a current textbook on pharmacology

ANSWER:

b

21. Which of the following is true of multiple drug (polydrug) use?

- a. It is important to understand because of the potential effects on the body.
- b. It is defined as taking different drugs in sequence in order to move from one drug experience to another.
- c. It is not dangerous as long as all the drugs have the same classification.
- d. It can involve all drugs with the exception of alcohol.

ANSWER:

a

22. Based on data from the World Mental Health Survey, how does the cannabis usage rate in the United States compare to the usage rate in Asian countries?

- a. It is about 2 times lower.
- b. It is about 3 times higher.
- c. It is about 5 times higher.
- d. It is about 8 times higher.

ANSWER:

d

23. Which of the following contributes to alcohol and drug abuse costs as measured in cost-of-illness studies?

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- a. individuals who achieve some benefit from the use of the drugs
- b. individuals born with fetal alcohol spectrum disorder
- c. the high cost of the drugs themselves
- d. drug use settings

ANSWER:

b

24. Which of the following produces more economic costs to society?

- a. drug abuse, by millions of dollars
- b. alcohol abuse, by millions of dollars
- c. drug abuse, by billions of dollars
- d. alcohol abuse, by billions of dollars

ANSWER:

d

25. Which of the following meets the criteria for binge drinking?

- a. at least three drinks in 90 minutes
- b. at least five drinks in a few hours
- c. drinking at least 3 out of 5 days per week
- d. drinking six drinks over the course of a day

ANSWER:

b

26. Which of the following statements about drug use and crime is TRUE?

- a. Crimes committed by heroin addicts are typically violent.
- b. Most crimes associated with alcohol are assaultive.
- c. Drug use causes crime.
- d. The use of hallucinogens shows the strongest association with crime.

ANSWER:

b

27. Which of the following is characterized by compulsive drug use evidenced by getting and using the drug and, as well as a strong tendency to resume use of it after stopping for a period?

- a. tolerance
- b. withdrawal
- c. craving
- d. addiction

ANSWER:

d

28. Which of the following best describes the Diagnostic and Statistical Manual (DSM-5)?

- a. treatment manual
- b. survey report
- c. diagnostic system
- d. professional charter

ANSWER:

c

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29. Which of the following is true about the diagnosis of substance use disorder in *DSM-5*?

- a. Substance dependence is no longer listed as a separate substance use disorder.
- b. Separate symptoms have been listed for each individual drug type.
- c. The most significant criteria are tolerance and withdrawal.
- d. The term *drug dependence* is no longer used.

ANSWER: a

30. An individual must consume increasing amounts of a drug to achieve a desired effect if what occurs?

- a. withdrawal
- b. tolerance
- c. dependence
- d. rebound effects

ANSWER: b

31. In medicine, a number of symptoms that occur together and characterize a specific illness or disease are known as what?

- a. a complex
- b. a simplex
- c. a syndrome
- d. a synergism

ANSWER: c

32. Julia is a heavy drinker who suffers in only one way when deprived of alcohol: she craves it. What is Julia suffering from?

- a. cyclical dependence
- b. behavioral dependence
- c. psychological dependence
- d. physical dependence

ANSWER: c

33. The term *drug abuse* refers to any use of drugs that are illegal in a particular society.

- a. True
- b. False

ANSWER: False

34. Calling amphetamines "speed" is an example of drug classification by therapeutic use.

- a. True
- b. False

ANSWER: False

35. Placebos are a common type of stimulant.

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- a. True
- b. False

ANSWER: False

36. The effects of a drug may vary among users due to expectations in their psychological set.

- a. True
- b. False

ANSWER: True

37. The act of snorting cocaine describes a route of drug administration.

- a. True
- b. False

ANSWER: True

38. Prevalence refers to the number of first-time occurrences of some event during some time period.

- a. True
- b. False

ANSWER: False

39. The National Survey on Drug Use and Health presents an accurate representation of drug use among the total population of the United States.

- a. True
- b. False

ANSWER: False

40. According to the National Survey on Drug Use and Health, nicotine is the most commonly used drug in the United States.

- a. True
- b. False

ANSWER: False

41. The amount of alcohol used by individuals 12 and older remained about the same between 2008 and 2018.

- a. True
- b. False

ANSWER: True

42. According to the 2018 National Survey on Drug Use and Health, 12- to 17-year-olds were more likely to use marijuana within two hours of alcohol use than were individuals who were over 25 years old.

- a. True
- b. False

ANSWER: True

43. One advantage to the sale of prescription drugs on the Internet is that it is easy for officials to track these sales.

- a. True

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b. False

ANSWER: False

44. Differences in drug use patterns among demographic groups are thought to reflect innate, biological differences.

a. True

b. False

ANSWER: False

45. The majority of *DSM-5* criteria outlining substance use disorder describe aspects of addiction.

a. True

b. False

ANSWER: True

46. The craving for a drug is a physiological state.

a. True

b. False

ANSWER: False

47. The latest version of the *Diagnostic and Statistical Manual, DSM-5*, does not contain any significant changes to diagnoses of substance abuse or dependence.

a. True

b. False

ANSWER: False

48. A diagnosis of substance use disorder in *DSM-5* requires that tolerance and withdrawal be observed by the clinician.

a. True

b. False

ANSWER: False

49. The term *withdrawal* refers to a definable illness that occurs with a cessation or decrease in the use of a drug.

a. True

b. False

ANSWER: True

50. "Tolerance" refers to the need to take increasing amounts of a drug in order to achieve the desired effect.

a. True

b. False

ANSWER: True

51. It is possible to relieve a person's withdrawal symptoms from a drug by administering the same drug.

a. True

b. False

ANSWER: True

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52. List and describe the six most common systems of classifying drugs.

ANSWER: Answers will vary.

53. What are the three factors that combine to produce the human drug experience? Give an example of each.

ANSWER: Answers will vary.

54. Briefly describe the National Survey on Drug Use and Health. What can these surveys tell us about drug abuse in the United States? What design characteristic of the surveys may limit their findings?

ANSWER: Answers will vary.

55. Explain the difference between tolerance and withdrawal and how they relate to physiology.

ANSWER: Answers will vary.

56. List the various sources of costs associated with alcohol and drug abuse.

ANSWER: Answers will vary.